APPENDIX J
Laboratory Data Reports

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/23/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0148

Report Date: 01/23/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0148

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 08, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0148-01	Indiv. Canister Certification-18312	Air	01/08/2018	01/08/2018
18A0148-02	Indiv. Canister Certification- 22993	Air	01/08/2018	01/08/2018
18A0148-03	Indiv. Canister Certification- 23996	Air	01/05/2018	01/08/2018
18A0419-01	IA101_011518	Indoor Ambient Air	01/15/2018	01/16/2018
18A0419-02	AA101_011518	Outdoor Ambient Ai	01/15/2018	01/16/2018
18A0419-03	SVP101_011518	Soil Vapor	01/15/2018	01/16/2018

General Notes for York Project (SDG) No.: 18A0148

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

Approved By:

Date: 01/23/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Indiv. Canister Certification-18312** **York Sample ID:** **18A0148-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0148	170384501	Air	January 8, 2018 3:00 pm	01/08/2018

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	2-Butanone	ND		ug/m³	0.29	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.82	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **Indiv. Canister Certification-18312** **York Sample ID:** **18A0148-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0148	170384501	Air	January 8, 2018 3:00 pm	01/08/2018

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/m³	0.48	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND		ug/m³	0.32	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.52	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.0	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.39	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.31	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.46	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.26	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.21	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.34	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.43	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	Isopropanol	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Indiv. Canister Certification-18312** **York Sample ID:** **18A0148-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0148	170384501	Air	January 8, 2018 3:00 pm	01/08/2018

Volatile Organics, EPA TO15 Canister Certification

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/m³	0.69	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	n-Heptane	ND		ug/m³	0.41	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.35	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	o-Xylene	ND		ug/m³	0.43	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.87	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.43	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.17	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications:			
108-88-3	Toluene	ND		ug/m³	0.38	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.56	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.35	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	1	EPA TO-15	01/08/2018 15:07	01/08/2018 15:07	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*83.9 %*	*72-118*

Sample Information

Client Sample ID: **Indiv. Canister Certification- 22993** **York Sample ID:** **18A0148-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0148	170384501	Air	January 8, 2018 3:00 pm	01/08/2018

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
78-93-3	2-Butanone	ND		ug/m³	0.29	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
591-78-6	* 2-Hexanone	ND		ug/m³	0.82	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications:			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	Acetone	ND		ug/m³	0.48	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Indiv. Canister Certification- 22993** **York Sample ID:** **18A0148-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0148	170384501	Air	January 8, 2018 3:00 pm	01/08/2018

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/m³	0.32	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND		ug/m³	0.52	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND		ug/m³	1.0	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND		ug/m³	0.39	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND		ug/m³	0.31	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND		ug/m³	0.46	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND		ug/m³	0.26	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND		ug/m³	0.21	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	Cyclohexane	ND		ug/m³	0.34	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.43	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	Isopropanol	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	0.69	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: **Indiv. Canister Certification- 22993** **York Sample ID:** **18A0148-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0148	170384501	Air	January 8, 2018 3:00 pm	01/08/2018

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	n-Heptane	ND		ug/m³	0.41	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	n-Hexane	ND		ug/m³	0.35	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	o-Xylene	ND		ug/m³	0.43	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.87	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.49	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.43	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.17	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications:			
108-88-3	Toluene	ND		ug/m³	0.38	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.13	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.56	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.35	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	1	EPA TO-15	01/08/2018 15:54	01/08/2018 15:54	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*82.9 %*	*72-118*

Sample Information

Client Sample ID: **Indiv. Canister Certification- 23996** **York Sample ID:** **18A0148-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0148	170384501	Air	January 5, 2018 8:00 am	01/08/2018

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	2-Butanone	ND		ug/m³	0.29	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.82	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	Acetone	ND		ug/m³	0.48	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **Indiv. Canister Certification- 23996** **York Sample ID:** **18A0148-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0148	170384501	Air	January 5, 2018 8:00 am	01/08/2018

Volatile Organics, EPA TO15 Canister Certification

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/m³	0.32	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.52	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.0	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.39	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.31	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.46	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.26	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.49	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.21	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.34	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.49	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.43	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND		ug/m³	0.49	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	0.69	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **Indiv. Canister Certification- 23996** **York Sample ID:** **18A0148-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0148	170384501	Air	January 5, 2018 8:00 am	01/08/2018

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-82-5	n-Heptane	ND		ug/m³	0.41	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	n-Hexane	ND		ug/m³	0.35	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.43	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.87	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.49	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.17	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.43	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.17	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:			
108-88-3	Toluene	ND		ug/m³	0.38	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.13	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.56	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.35	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	1	EPA TO-15	01/05/2018 09:48	01/05/2018 09:48	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.6 %*	*72-118*

Sample Information

Client Sample ID: IA101_011518 **York Sample ID:** 18A0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Indoor Ambient Air	January 15, 2018 3:00 pm	01/16/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.98	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.78	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.98	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.78	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.58	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**7.8**		ug/m³	0.70	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.86	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.58	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.66	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**2.0**		ug/m³	0.70	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.95	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.86	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.66	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.86	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.0	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**10**		ug/m³	0.42	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**3.3**		ug/m³	1.2	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:			

Sample Information

Client Sample ID: IA101_011518 **York Sample ID:** 18A0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Indoor Ambient Air	January 15, 2018 3:00 pm	01/16/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.2	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**0.94**		ug/m³	0.59	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**16**		ug/m³	0.68	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.31	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.5**		ug/m³	0.46	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.74	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.96	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.5	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.56	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**2.1**		ug/m³	0.45	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.27**		ug/m³	0.23	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.66	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.38	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**1.7**		ug/m³	0.70	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.68**		ug/m³	0.30	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.14	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.65	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.49	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.71	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.0	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.9**		ug/m³	0.62	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA101_011518 **York Sample ID:** 18A0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Indoor Ambient Air	January 15, 2018 3:00 pm	01/16/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.5	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND		ug/m³	0.70	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**0.76**		ug/m³	0.59	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.52	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**2.0**		ug/m³	0.99	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.82**		ug/m³	0.59	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.66**		ug/m³	0.50	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**5.7**		ug/m³	0.62	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**18**		ug/m³	1.2	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**8.4**		ug/m³	0.70	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:			
115-07-1	*** Propylene**	**0.99**		ug/m³	0.25	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:			
100-42-5	**Styrene**	**1.4**		ug/m³	0.61	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**7.0**		ug/m³	0.24	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.84	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:			
108-88-3	**Toluene**	**8.0**		ug/m³	0.54	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.57	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.65	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**3.1**		ug/m³	0.19	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.80	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.50	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.63	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.091	1.431	EPA TO-15	01/18/2018 17:55	01/18/2018 17:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA101_011518 **York Sample ID:** 18A0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Indoor Ambient Air	January 15, 2018 3:00 pm	01/16/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*115 %*		*70-130*						

Sample Information

Client Sample ID: AA101_011518 **York Sample ID:** 18A0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Outdoor Ambient Air	January 15, 2018 3:00 pm	01/16/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.45**		ug/m³	0.41	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**0.063**		ug/m³	0.053	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**1.9**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**0.63**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**0.35**		ug/m³	0.32	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.41**		ug/m³	0.16	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:			

Sample Information

Client Sample ID: AA101_011518 **York Sample ID:** 18A0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Outdoor Ambient Air	January 15, 2018 3:00 pm	01/16/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**1.2**		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**4.7**		ug/m³	0.25	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**2.3**		ug/m³	0.17	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.40**		ug/m³	0.084	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**2.1**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.78**		ug/m³	0.11	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.21**		ug/m³	0.053	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.39**		ug/m³	0.18	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.2**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**0.90**		ug/m³	0.38	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.86**		ug/m³	0.23	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA101_011518 **York Sample ID:** 18A0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Outdoor Ambient Air	January 15, 2018 3:00 pm	01/16/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**13**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.3**		ug/m³	0.37	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**2.3**		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.1**		ug/m³	0.19	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.2**		ug/m³	0.23	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**3.3**		ug/m³	0.46	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.5**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:			
115-07-1	*** Propylene**	**1.0**		ug/m³	0.092	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.23	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**1.3**		ug/m³	0.090	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:			
108-88-3	**Toluene**	**2.9**		ug/m³	0.20	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.17**		ug/m³	0.072	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.78**		ug/m³	0.30	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	01/18/2018 19:05	01/18/2018 19:05	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA101_011518 **York Sample ID:** 18A0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Outdoor Ambient Air	January 15, 2018 3:00 pm	01/16/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*		*70-130*						

Sample Information

Client Sample ID: SVP101_011518 **York Sample ID:** 18A0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Soil Vapor	January 15, 2018 3:00 pm	01/16/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.37**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.24**		ug/m³	0.16	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP101_011518 **York Sample ID:** 18A0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Soil Vapor	January 15, 2018 3:00 pm	01/16/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**2.0**		ug/m³	0.25	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.70**		ug/m³	0.17	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.23**		ug/m³	0.084	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.72**		ug/m³	0.11	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.18	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.1**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.38	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.37**		ug/m³	0.23	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP101_011518 **York Sample ID:** 18A0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Soil Vapor	January 15, 2018 3:00 pm	01/16/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**10**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**0.33**		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.1**		ug/m³	0.37	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.28**		ug/m³	0.22	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.36**		ug/m³	0.19	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.49**		ug/m³	0.23	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.5**		ug/m³	0.46	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**0.45**		ug/m³	0.26	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:			
115-07-1	*** Propylene**	**0.63**		ug/m³	0.092	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.23	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**0.58**		ug/m³	0.090	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:			
108-88-3	**Toluene**	**1.4**		ug/m³	0.20	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.072	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.69**		ug/m³	0.30	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	01/18/2018 20:14	01/18/2018 20:14	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP101_011518 **York Sample ID:** 18A0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0419	170384501	Soil Vapor	January 15, 2018 3:00 pm	01/16/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*		*70-130*						

Analytical Batch Summary

Batch ID: BA80287 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0148-01	Indiv. Canister Certification-18	01/08/18
18A0148-02	Indiv. Canister Certification- 22	01/08/18
BA80287-BLK1	Blank	01/08/18

Batch ID: BA80366 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0148-03	Indiv. Canister Certification- 23	01/05/18
BA80366-BLK1	Blank	01/05/18
BA80366-BS1	LCS	01/05/18

Batch ID: BA80753 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0419-01	IA101_011518	01/18/18
18A0419-02	AA101_011518	01/18/18
18A0419-03	SVP101_011518	01/18/18
BA80753-BLK1	Blank	01/18/18
BA80753-BS1	LCS	01/18/18
BA80753-DUP1	Duplicate	01/18/18

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80287 - EPA TO15 PREP											
Blank (BA80287-BLK1)											Prepared & Analyzed: 01/08/2018
1,1,1-Trichloroethane	ND	0.55	ug/m³								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80287 - EPA TO15 PREP											
Blank (BA80287-BLK1)								Prepared & Analyzed: 01/08/2018			
Styrene	ND	0.43	ug/m³								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*8.50*		*ppbv*	*10.0*		*85.0*	*72-118*				
Batch BA80366 - EPA TO15 PREP											
Blank (BA80366-BLK1)								Prepared & Analyzed: 01/05/2018			
1,1,1-Trichloroethane	ND	0.55	ug/m³								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80366 - EPA TO15 PREP											
Blank (BA80366-BLK1)											Prepared & Analyzed: 01/05/2018
Dibromochloromethane	ND	0.85	ug/m³								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*8.67*		*ppbv*	*10.0*		*86.7*	*72-118*				
LCS (BA80366-BS1)											Prepared & Analyzed: 01/05/2018
1,1,1-Trichloroethane	8.06		ppbv	10.0		80.6	70-130				
1,1,2,2-Tetrachloroethane	8.80		"	10.0		88.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.81		"	10.0		88.1	70-130				
1,1,2-Trichloroethane	8.66		"	10.0		86.6	70-130				
1,1-Dichloroethane	8.84		"	10.0		88.4	70-130				
1,1-Dichloroethylene	8.51		"	10.0		85.1	70-130				
1,2,4-Trichlorobenzene	7.14		"	10.0		71.4	70-130				
1,2,4-Trimethylbenzene	9.27		"	10.0		92.7	70-130				
1,2-Dibromoethane	8.26		"	10.0		82.6	70-130				
1,2-Dichlorobenzene	9.08		"	10.0		90.8	70-130				
1,2-Dichloroethane	7.55		"	10.0		75.5	70-130				
1,2-Dichloropropane	8.92		"	10.0		89.2	70-130				
1,2-Dichlorotetrafluoroethane	9.13		"	10.0		91.3	70-130				
1,3,5-Trimethylbenzene	8.97		"	10.0		89.7	70-130				
1,3-Butadiene	7.21		"	10.0		72.1	70-130				
1,3-Dichlorobenzene	8.99		"	10.0		89.9	70-130				
1,4-Dichlorobenzene	9.07		"	10.0		90.7	70-130				
1,4-Dioxane	10.6		"	10.0		106	70-130				
2-Butanone	7.69		"	10.0		76.9	70-130				
2-Hexanone	9.91		"	10.0		99.1	70-130				
4-Methyl-2-pentanone	9.11		"	10.0		91.1	70-130				
Acetone	7.87		"	10.0		78.7	70-130				
Benzene	8.55		"	10.0		85.5	70-130				
Benzyl chloride	9.09		"	10.0		90.9	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80366 - EPA TO15 PREP											
LCS (BA80366-BS1)								Prepared & Analyzed: 01/05/2018			
Bromodichloromethane	8.57		ppbv	10.0		85.7	70-130				
Bromoform	9.18		"	10.0		91.8	70-130				
Bromomethane	10.9		"	10.0		109	70-130				
Carbon disulfide	9.34		"	10.0		93.4	70-130				
Carbon tetrachloride	8.08		"	10.0		80.8	70-130				
Chlorobenzene	8.57		"	10.0		85.7	70-130				
Chloroethane	12.3		"	10.0		123	70-130				
Chloroform	8.17		"	10.0		81.7	70-130				
Chloromethane	7.06		"	10.0		70.6	70-130				
cis-1,2-Dichloroethylene	7.16		"	10.0		71.6	70-130				
cis-1,3-Dichloropropylene	8.81		"	10.0		88.1	70-130				
Cyclohexane	9.23		"	10.0		92.3	70-130				
Dibromochloromethane	8.74		"	10.0		87.4	70-130				
Dichlorodifluoromethane	9.62		"	10.0		96.2	70-130				
Ethyl acetate	7.79		"	10.0		77.9	70-130				
Ethyl Benzene	8.87		"	10.0		88.7	70-130				
Hexachlorobutadiene	9.09		"	10.0		90.9	70-130				
Isopropanol	7.82		"	10.0		78.2	70-130				
Methyl tert-butyl ether (MTBE)	8.33		"	10.0		83.3	70-130				
Methylene chloride	8.25		"	10.0		82.5	70-130				
n-Heptane	8.59		"	10.0		85.9	70-130				
n-Hexane	7.75		"	10.0		77.5	70-130				
o-Xylene	9.08		"	10.0		90.8	70-130				
p- & m- Xylenes	18.1		"	20.0		90.3	70-130				
p-Ethyltoluene	9.25		"	10.0		92.5	70-130				
Propylene	8.98		"	10.0		89.8	70-130				
Styrene	9.04		"	10.0		90.4	70-130				
Tetrachloroethylene	7.54		"	10.0		75.4	70-130				
Tetrahydrofuran	9.03		"	10.0		90.3	70-130				
Toluene	8.54		"	10.0		85.4	70-130				
trans-1,2-Dichloroethylene	8.40		"	10.0		84.0	70-130				
trans-1,3-Dichloropropylene	8.77		"	10.0		87.7	70-130				
Trichloroethylene	7.88		"	10.0		78.8	70-130				
Trichlorofluoromethane (Freon 11)	8.80		"	10.0		88.0	70-130				
Vinyl acetate	8.26		"	10.0		82.6	70-130				
Vinyl Chloride	7.05		"	10.0		70.5	70-130				
Surrogate: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*72-118*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80753 - EPA TO15 PREP											
Blank (BA80753-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

Prepared & Analyzed: 01/18/2018

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80753 - EPA TO15 PREP											
Blank (BA80753-BLK1)								Prepared & Analyzed: 01/18/2018			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*8.50*		*ppbv*	*10.0*		*85.0*	*70-130*				
LCS (BA80753-BS1)								Prepared & Analyzed: 01/18/2018			
1,1,1,2-Tetrachloroethane	9.57		ppbv	10.0		95.7	70-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	9.33		"	10.0		93.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	70-130				
1,1,2-Trichloroethane	8.46		"	10.0		84.6	70-130				
1,1-Dichloroethane	9.27		"	10.0		92.7	70-130				
1,1-Dichloroethylene	9.12		"	10.0		91.2	70-130				
1,2,4-Trichlorobenzene	7.87		"	10.0		78.7	70-130				
1,2,4-Trimethylbenzene	9.07		"	10.0		90.7	70-130				
1,2-Dibromoethane	8.92		"	10.0		89.2	70-130				
1,2-Dichlorobenzene	9.10		"	10.0		91.0	70-130				
1,2-Dichloroethane	9.29		"	10.0		92.9	70-130				
1,2-Dichloropropane	8.14		"	10.0		81.4	70-130				
1,2-Dichlorotetrafluoroethane	9.89		"	10.0		98.9	70-130				
1,3,5-Trimethylbenzene	9.35		"	10.0		93.5	70-130				
1,3-Butadiene	11.3		"	10.0		113	70-130				
1,3-Dichlorobenzene	8.72		"	10.0		87.2	70-130				
1,3-Dichloropropane	8.47		"	10.0		84.7	70-130				
1,4-Dichlorobenzene	8.51		"	10.0		85.1	70-130				
1,4-Dioxane	7.68		"	10.0		76.8	70-130				
2-Butanone	8.30		"	10.0		83.0	70-130				
2-Hexanone	6.96		"	10.0		69.6	70-130	Low Bias			
3-Chloropropene	9.32		"	10.0		93.2	70-130				
4-Methyl-2-pentanone	7.78		"	10.0		77.8	70-130				
Acetone	7.33		"	10.0		73.3	70-130				
Acrylonitrile	8.98		"	10.0		89.8	70-130				
Benzene	9.21		"	10.0		92.1	70-130				
Benzyl chloride	9.23		"	10.0		92.3	70-130				
Bromodichloromethane	8.98		"	10.0		89.8	70-130				
Bromoform	10.1		"	10.0		101	70-130				
Bromomethane	9.86		"	10.0		98.6	70-130				
Carbon disulfide	9.73		"	10.0		97.3	70-130				
Carbon tetrachloride	10.6		"	10.0		106	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80753 - EPA TO15 PREP											
LCS (BA80753-BS1)								Prepared & Analyzed: 01/18/2018			
Chlorobenzene	8.93		ppbv	10.0		89.3	70-130				
Chloroethane	9.62		"	10.0		96.2	70-130				
Chloroform	9.72		"	10.0		97.2	70-130				
Chloromethane	12.1		"	10.0		121	70-130				
cis-1,2-Dichloroethylene	8.27		"	10.0		82.7	70-130				
cis-1,3-Dichloropropylene	9.42		"	10.0		94.2	70-130				
Cyclohexane	9.12		"	10.0		91.2	70-130				
Dibromochloromethane	9.18		"	10.0		91.8	70-130				
Dichlorodifluoromethane	10.5		"	10.0		105	70-130				
Ethyl acetate	8.79		"	10.0		87.9	70-130				
Ethyl Benzene	9.09		"	10.0		90.9	70-130				
Hexachlorobutadiene	9.89		"	10.0		98.9	70-130				
Isopropanol	8.73		"	10.0		87.3	70-130				
Methyl Methacrylate	8.52		"	10.0		85.2	70-130				
Methyl tert-butyl ether (MTBE)	9.47		"	10.0		94.7	70-130				
Methylene chloride	8.84		"	10.0		88.4	70-130				
n-Heptane	8.57		"	10.0		85.7	70-130				
n-Hexane	9.08		"	10.0		90.8	70-130				
o-Xylene	9.23		"	10.0		92.3	70-130				
p- & m- Xylenes	18.1		"	20.0		90.4	70-130				
p-Ethyltoluene	9.57		"	10.0		95.7	70-130				
Propylene	9.28		"	10.0		92.8	70-130				
Styrene	9.06		"	10.0		90.6	70-130				
Tetrachloroethylene	7.12		"	10.0		71.2	70-130				
Tetrahydrofuran	8.47		"	10.0		84.7	70-130				
Toluene	8.62		"	10.0		86.2	70-130				
trans-1,2-Dichloroethylene	9.30		"	10.0		93.0	70-130				
trans-1,3-Dichloropropylene	9.87		"	10.0		98.7	70-130				
Trichloroethylene	8.60		"	10.0		86.0	70-130				
Trichlorofluoromethane (Freon 11)	10.5		"	10.0		105	70-130				
Vinyl acetate	11.3		"	10.0		113	70-130				
Vinyl bromide	10.4		"	10.0		104	70-130				
Vinyl Chloride	10.7		"	10.0		107	70-130				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80753 - EPA TO15 PREP											
Duplicate (BA80753-DUP1)	*Source sample: 18A0419-03 (SVP101_011518)								Prepared & Analyzed: 01/18/2018		
1,1,1,2-Tetrachloroethane	ND	0.37	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.29	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.37	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.41	"		ND					25	
1,1,2-Trichloroethane	ND	0.29	"		ND					25	
1,1-Dichloroethane	ND	0.22	"		ND					25	
1,1-Dichloroethylene	ND	0.053	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.40	"		ND					25	
1,2,4-Trimethylbenzene	0.31	0.26	"		0.37				15.4	25	
1,2-Dibromoethane	ND	0.41	"		ND					25	
1,2-Dichlorobenzene	ND	0.32	"		ND					25	
1,2-Dichloroethane	ND	0.22	"		ND					25	
1,2-Dichloropropane	ND	0.25	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.37	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.26	"		ND					25	
1,3-Butadiene	ND	0.35	"		ND					25	
1,3-Dichlorobenzene	ND	0.32	"		ND					25	
1,3-Dichloropropane	ND	0.25	"		ND					25	
1,4-Dichlorobenzene	ND	0.32	"		ND					25	
1,4-Dioxane	ND	0.38	"		ND					25	
2-Butanone	0.22	0.16	"		0.24				6.90	25	
2-Hexanone	ND	0.44	"		ND					25	
3-Chloropropene	ND	0.83	"		ND					25	
4-Methyl-2-pentanone	ND	0.22	"		ND					25	
Acetone	1.8	0.25	"		2.0				6.62	25	
Acrylonitrile	ND	0.12	"		ND					25	
Benzene	0.66	0.17	"		0.70				5.00	25	
Benzyl chloride	ND	0.28	"		ND					25	
Bromodichloromethane	ND	0.36	"		ND					25	
Bromoform	ND	0.55	"		ND					25	
Bromomethane	ND	0.21	"		ND					25	
Carbon disulfide	ND	0.17	"		ND					25	
Carbon tetrachloride	0.23	0.084	"		0.23				0.00	25	
Chlorobenzene	ND	0.25	"		ND					25	
Chloroethane	ND	0.14	"		ND					25	
Chloroform	ND	0.26	"		ND					25	
Chloromethane	0.68	0.11	"		0.72				4.72	25	
cis-1,2-Dichloroethylene	ND	0.053	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Cyclohexane	ND	0.18	"		ND					25	
Dibromochloromethane	ND	0.45	"		ND					25	
Dichlorodifluoromethane	1.0	0.26	"		1.1				5.13	25	
Ethyl acetate	ND	0.38	"		ND					25	
Ethyl Benzene	0.35	0.23	"		0.37				6.45	25	
Hexachlorobutadiene	ND	0.57	"		ND					25	
Isopropanol	9.8	0.26	"		10				5.86	25	
Methyl Methacrylate	0.24	0.22	"		0.33				30.8	25	Non-dir.
Methyl tert-butyl ether (MTBE)	ND	0.19	"		ND					25	
Methylene chloride	1.1	0.37	"		1.1				5.04	25	
n-Heptane	0.26	0.22	"		0.28				8.00	25	
n-Hexane	0.32	0.19	"		0.36				11.1	25	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80753 - EPA TO15 PREP											
Duplicate (BA80753-DUP1)	*Source sample: 18A0419-03 (SVP101_011518)								Prepared & Analyzed: 01/18/2018		
o-Xylene	0.42	0.23	ug/m³		0.49				15.4	25	
p- & m- Xylenes	1.3	0.46	"		1.5				9.84	25	
p-Ethyltoluene	0.47	0.26	"		0.45				5.71	25	
Propylene	0.61	0.092	"		0.63				2.94	25	
Styrene	ND	0.23	"		ND					25	
Tetrachloroethylene	0.54	0.090	"		0.58				6.45	25	
Tetrahydrofuran	ND	0.31	"		ND					25	
Toluene	1.1	0.20	"		1.4				22.2	25	
trans-1,2-Dichloroethylene	ND	0.21	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Trichloroethylene	ND	0.072	"		ND					25	
Trichlorofluoromethane (Freon 11)	0.63	0.30	"		0.69				9.09	25	
Vinyl acetate	ND	0.19	"		ND					25	
Vinyl bromide	ND	0.23	"		ND					25	
Vinyl Chloride	ND	0.034	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.3*		*ppbv*	*10.0*		*103*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

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

York Project No. 1810419

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: LANGAN ENG.	Company: "	Company: "	170384501	RUSH - Same Day ☐	Summary Report ____
Address: 360 W 31ST ST 8TH FL NEW YORK, NY 10001	Address:	Address:	**Purchase Order No.**	RUSH - Next Day ☐	Summary w/ QA Summary ____
Phone No. (212) 479-5400	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ____
Contact Person: KIM DELCOL	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ____
E-Mail Address: KDELCOL@LANGANENG.COM	E-Mail Address: SKADOP@LANGANENG.COM	E-Mail Address:	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg ____
				Standard(5-7 Days) X	NJDEP Reduced ____
					Electronic Deliverables:
					EDD (Specify Type) ____
					Standard Excel ____
					Regulatory Comparison Excel ____

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Air Matrix Codes

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

Additional Notes:

Please enter the following Field Data

Detection Limits Required

≤ 1 ug/m³ ____
NYSDEC VI Limits ____ (VI =vapor instrusion)
NJDEP low level ____
Routine Survey ____
Other ____

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
IA101-011518	01/15/18	AI	-29.98	-4.20	22993	Y36	TO 15 VOCs	6 Liter canister X / Tedlar Bag ____
AA101-011518	01/15/18	AO	-29.86	-6.52	23096	Y49	TO 15 VOCs	6 Liter canister X / Tedlar Bag ____
SVP101-011518	01/15/18	AS	-29.02	-4.75	18312	Y22	TO 15 VOCs	6 Liter canister X / Tedlar Bag ____
								6 Liter canister ____ / Tedlar Bag ____
								6 Liter canister ____ / Tedlar Bag ____
								6 Liter canister ____ / Tedlar Bag ____
								6 Liter canister ____ / Tedlar Bag ____
								6 Liter canister ____ / Tedlar Bag ____
								6 Liter canister ____ / Tedlar Bag ____
								6 Liter canister ____ / Tedlar Bag ____

Comments

Samples Relinquished By — Date/Time: 01/15/18 1625
Samples Relinquished By — Date/Time: 1/16/18 730AM

Samples Received By — Date/Time: 1/15/18 1625
Samples Received in LAB by — Date/Time: 1-16-18 730

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0267

Revision No. 2.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0267

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 10, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0267-01	SB101_0-2	Soil	01/10/2018	01/10/2018
18A0267-03	SB104_0-2	Soil	01/10/2018	01/10/2018
18A0267-04	SB104A_2-4	Soil	01/10/2018	01/10/2018
18A0267-05	SB104A_6-8	Soil	01/10/2018	01/10/2018
18A0267-06	SB104A_11-12	Soil	01/10/2018	01/10/2018
18A0267-07	SB104A_14-15	Soil	01/10/2018	01/10/2018
18A0267-08	SB105_0-2	Soil	01/10/2018	01/10/2018
18A0267-09	SB105_2-3	Soil	01/10/2018	01/10/2018
18A0267-10	SB105_7-8	Soil	01/10/2018	01/10/2018
18A0267-11	SB105_11-12	Soil	01/10/2018	01/10/2018
18A0267-12	SB105_14-15	Soil	01/10/2018	01/10/2018
18A0267-13	SB106_0-2	Soil	01/10/2018	01/10/2018
18A0267-14	SB106_11-12	Soil	01/10/2018	01/10/2018
18A0267-15	SB106B_14-15	Soil	01/10/2018	01/10/2018
18A0267-17	SB106B_23-25	Soil	01/10/2018	01/10/2018
18A0267-18	DUP01_011018	Soil	01/10/2018	01/10/2018

General Notes for York Project (SDG) No.: 18A0267

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

Approved By:

Date: 01/30/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.20	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0085**	J	mg/kg dry	0.0051	0.010	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:09	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.359	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.359	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.188**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.258**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.196**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.214**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.201**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.201**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.559**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.178**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.403**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.517**		mg/kg dry	0.0449	0.0896	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.359	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*19.9 %*	S-08	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*50.6 %*		*23-114*

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.2 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.5 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*23.5 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*43.2 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2018 04:26	01/12/2018 16:18	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/12/2018 04:24	01/12/2018 23:37	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0355	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH	01/12/2018 04:24	01/12/2018 23:37	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/12/2018 23:37	SA

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:37	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00887	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0897	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:12	LAB
							Certifications:			

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*129 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8440**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.36**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**38.0**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.376**		mg/kg dry	0.322	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5910**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.9**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.60**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.3**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**17000**		mg/kg dry	2.15	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**31.9**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3180**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**313**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**24.7**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**810**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.69**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**336**		mg/kg dry	10.7	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.4**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**59.6**		mg/kg dry	1.61	1	EPA 6010C	01/18/2018 10:00	01/19/2018 15:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0322	1	EPA 7473	01/12/2018 09:11	01/12/2018 16:09	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.1**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB101_0-2 **York Sample ID:** 18A0267-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 9:30 am	01/10/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.537	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**20.9**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.537	1	EPA 9014/9010C	01/12/2018 08:45	01/12/2018 15:41	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.17	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0084	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.097**	SCAL-E	mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0069**	J	mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0084	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/12/2018 07:30	01/12/2018 16:41	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0748**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.219**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.216**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.186**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.152**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.184**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0993**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.196**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.427**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.124**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.291**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.409**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.0 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*83.2 %*	*23-114*

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*90.4 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*73.8 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*58.5 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*58.0 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2018 04:26	01/12/2018 18:52	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/12/2018 04:24	01/15/2018 13:55	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0356	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH	01/12/2018 04:24	01/15/2018 13:55	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 13:55	SA

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	01/12/2018 04:24	01/15/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	01/12/2018 04:24	01/15/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	01/12/2018 04:24	01/15/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	01/12/2018 04:24	01/15/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	01/12/2018 04:24	01/15/2018 13:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	01/12/2018 04:24	01/15/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	01/12/2018 04:24	01/15/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00891	5	EPA 8081B	01/12/2018 04:24	01/15/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0901	5	EPA 8081B	01/12/2018 04:24	01/15/2018 13:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:00	LAB
							Certifications:			

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0208	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:15	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0208	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:15	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0208	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:15	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*122 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5170**		mg/kg dry	5.40	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.540	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.75**		mg/kg dry	1.08	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**132**		mg/kg dry	1.08	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.108	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.517**		mg/kg dry	0.324	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**68400**		mg/kg dry	5.40	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.3**		mg/kg dry	0.540	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.82**		mg/kg dry	0.540	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**22.3**		mg/kg dry	0.540	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**10800**		mg/kg dry	2.16	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**199**		mg/kg dry	0.540	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**36800**		mg/kg dry	5.40	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**231**		mg/kg dry	0.540	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**17.8**		mg/kg dry	0.540	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**922**		mg/kg dry	5.40	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.08	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.540	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**180**		mg/kg dry	10.8	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.08	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	1.08	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**104**		mg/kg dry	1.62	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0975**		mg/kg dry	0.0324	1	EPA 7473	01/12/2018 09:11	01/12/2018 16:16	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB104_0-2 **York Sample ID:** 18A0267-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:10 am	01/10/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.540	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.3**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.540	1	EPA 9014/9010C	01/12/2018 08:45	01/12/2018 15:41	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104A_2-4 **York Sample ID:** 18A0267-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:15 am	01/10/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9290**		mg/kg dry	5.45	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.545	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.13**		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**68.6**		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1890**		mg/kg dry	5.45	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.7**		mg/kg dry	0.545	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.31**		mg/kg dry	0.545	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**26.5**		mg/kg dry	0.545	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18800**		mg/kg dry	2.18	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**15.2**		mg/kg dry	0.545	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4480**		mg/kg dry	5.45	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**444**		mg/kg dry	0.545	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**39.3**		mg/kg dry	0.545	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1850**		mg/kg dry	5.45	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.545	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**180**		mg/kg dry	10.9	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**39.3**		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104A_2-4 **York Sample ID:** 18A0267-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:15 am	01/10/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**52.9**		mg/kg dry	1.64	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0327	1	EPA 7473	01/12/2018 09:11	01/12/2018 16:24	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.7**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.545	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**22.7**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Sample Information

Client Sample ID: **SB104A_6-8** **York Sample ID:** **18A0267-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:25 am	01/10/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8340**		mg/kg dry	5.43	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.543	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.87**		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**56.3**		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.326	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1710**		mg/kg dry	5.43	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.4**		mg/kg dry	0.543	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.543	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**29.2**		mg/kg dry	0.543	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16200**		mg/kg dry	2.17	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.73**		mg/kg dry	0.543	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3970**		mg/kg dry	5.43	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**391**		mg/kg dry	0.543	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**40.6**		mg/kg dry	0.543	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1870**		mg/kg dry	5.43	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.543	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**193**		mg/kg dry	10.9	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**35.3**		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104A_6-8 **York Sample ID:** 18A0267-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:25 am	01/10/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**45.2**		mg/kg dry	1.63	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0326	1	EPA 7473	01/12/2018 09:11	01/12/2018 16:33	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.2**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.543	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.4**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Sample Information

Client Sample ID: **SB104A_11-12** **York Sample ID:** **18A0267-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:30 am	01/10/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7020**		mg/kg dry	5.57	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.557	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.50**		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**44.1**		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.334	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1670**		mg/kg dry	5.57	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.557	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.88**		mg/kg dry	0.557	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.9**		mg/kg dry	0.557	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14900**		mg/kg dry	2.23	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.29**		mg/kg dry	0.557	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3980**		mg/kg dry	5.57	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**341**		mg/kg dry	0.557	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**42.4**		mg/kg dry	0.557	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1420**		mg/kg dry	5.57	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.557	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**173**		mg/kg dry	11.1	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**30.7**		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104A_11-12 **York Sample ID:** 18A0267-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:30 am	01/10/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**41.9**		mg/kg dry	1.67	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0334	1	EPA 7473	01/12/2018 09:11	01/12/2018 16:42	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.557	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.3**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Sample Information

Client Sample ID: **SB104A_14-15** **York Sample ID:** **18A0267-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:35 am	01/10/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5860**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.53**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**38.5**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.322	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1850**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.71**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.7**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11500**		mg/kg dry	2.15	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.98**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3000**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**329**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**46.2**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1280**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**220**		mg/kg dry	10.7	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.0**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB104A_14-15 **York Sample ID:** 18A0267-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:35 am	01/10/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**30.8**		mg/kg dry	1.61	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0322	1	EPA 7473	01/12/2018 09:11	01/12/2018 16:50	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.1**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.537	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.9**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Sample Information

Client Sample ID: **SB105_0-2** **York Sample ID:** **18A0267-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.19	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0093	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0093	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:13	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.102**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.400**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.03**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.973**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.694**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.582**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.715**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.102**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.828**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.130**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.32**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.102**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.504**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.84**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**2.48**		mg/kg dry	0.0459	0.0916	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*54.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*60.8 %*	*23-114*

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.0 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*65.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*46.0 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**unknown PAH**	**1460**		ug/kg dry			2	EPA 8270D	01/12/2018 04:26	01/12/2018 16:49	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00906	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0917	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.3 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*8.05 %*	GC-SC u	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:25	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:25	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:25	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:25	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:25	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:25	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:25	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:25	LAB
							Certifications:			

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:28	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:28	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:28	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*103 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7590**		mg/kg dry	5.51	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.551	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.86**		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**51.6**		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5120**		mg/kg dry	5.51	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.8**		mg/kg dry	0.551	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.54**		mg/kg dry	0.551	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**39.7**		mg/kg dry	0.551	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**15900**		mg/kg dry	2.20	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**44.8**		mg/kg dry	0.551	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3580**		mg/kg dry	5.51	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**243**		mg/kg dry	0.551	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**16.5**		mg/kg dry	0.551	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**783**		mg/kg dry	5.51	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**94.2**		mg/kg dry	11.0	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.9**		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**74.4**		mg/kg dry	1.65	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0483**		mg/kg dry	0.0331	1	EPA 7473	01/12/2018 09:11	01/12/2018 16:59	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB105_0-2 **York Sample ID:** 18A0267-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:30 pm	01/10/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.8**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.551	1	EPA 9014/9010C	01/12/2018 08:45	01/12/2018 15:41	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB105_2-3** **York Sample ID:** **18A0267-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:40 pm	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6940**		mg/kg dry	5.50	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.550	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.82**		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**66.9**		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.405**		mg/kg dry	0.330	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**90500**		mg/kg dry	5.50	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.0**		mg/kg dry	0.550	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.70**		mg/kg dry	0.550	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**22.1**		mg/kg dry	0.550	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13900**		mg/kg dry	2.20	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**57.5**		mg/kg dry	0.550	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4010**		mg/kg dry	5.50	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**295**		mg/kg dry	0.550	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.6**		mg/kg dry	0.550	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**902**		mg/kg dry	5.50	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.550	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**140**		mg/kg dry	11.0	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.3**		mg/kg dry	1.10	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_2-3 **York Sample ID:** 18A0267-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:40 pm	01/10/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**83.2**		mg/kg dry	1.65	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0404**		mg/kg dry	0.0330	1	EPA 7473	01/12/2018 09:11	01/12/2018 17:08	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.9**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.550	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.0**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Sample Information

Client Sample ID: **SB105_7-8** **York Sample ID:** **18A0267-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:45 pm	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7200**		mg/kg dry	5.79	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.579	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.99**		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**120**		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.116	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.348	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**11600**		mg/kg dry	5.79	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.1**		mg/kg dry	0.579	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.20**		mg/kg dry	0.579	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.2**		mg/kg dry	0.579	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13100**		mg/kg dry	2.32	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**208**		mg/kg dry	0.579	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3150**		mg/kg dry	5.79	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**240**		mg/kg dry	0.579	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**23.7**		mg/kg dry	0.579	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**967**		mg/kg dry	5.79	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.579	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**153**		mg/kg dry	11.6	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.5**		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_7-8 **York Sample ID:** 18A0267-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:45 pm	01/10/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**122**		mg/kg dry	1.74	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.265**		mg/kg dry	0.0348	1	EPA 7473	01/12/2018 09:11	01/12/2018 17:16	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.3**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.579	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**15.1**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Sample Information

Client Sample ID: **SB105_11-12** **York Sample ID:** **18A0267-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:45 pm	01/10/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5700**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.69**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**33.7**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.322	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3080**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.5**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.59**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.2**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11700**		mg/kg dry	2.15	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.28**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3470**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**307**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**31.2**		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1610**		mg/kg dry	5.37	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.537	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**214**		mg/kg dry	10.7	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.5**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_11-12 **York Sample ID:** 18A0267-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:45 pm	01/10/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**44.7**		mg/kg dry	1.61	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0677**		mg/kg dry	0.0322	1	EPA 7473	01/12/2018 09:11	01/12/2018 17:25	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.0**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.537	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.5**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Sample Information

Client Sample ID: **SB105_14-15** **York Sample ID:** **18A0267-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:50 pm	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6360**		mg/kg dry	5.89	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.589	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.66**		mg/kg dry	1.18	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**217**		mg/kg dry	1.18	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.118	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.686**		mg/kg dry	0.353	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**29000**		mg/kg dry	5.89	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.9**		mg/kg dry	0.589	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.98**		mg/kg dry	0.589	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**24.6**		mg/kg dry	0.589	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13900**		mg/kg dry	2.36	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**542**		mg/kg dry	0.589	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3470**		mg/kg dry	5.89	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**475**		mg/kg dry	0.589	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**24.2**		mg/kg dry	0.589	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**914**		mg/kg dry	5.89	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.18	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.589	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**253**		mg/kg dry	11.8	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.4**		mg/kg dry	1.18	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB105_14-15 **York Sample ID:** 18A0267-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:50 pm	01/10/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**277**		mg/kg dry	1.77	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:38	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.411**		mg/kg dry	0.0353	1	EPA 7473	01/12/2018 09:11	01/12/2018 17:33	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.589	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.9**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.19	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0095	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0095	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/12/2018 07:30	01/12/2018 17:45	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0601**	J	mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0623**	J	mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.254**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.23**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**1.21**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.02**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.605**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.982**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.112**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0920**	J	mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.10**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.190**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0928	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.45**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0549**	J	mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.581**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.05**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**2.15**		mg/kg dry	0.0465	0.0928	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.186	0.372	2	EPA 8270D	01/12/2018 04:26	01/12/2018 19:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*54.2 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*82.5 %*	*23-114*

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*88.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*78.9 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*36.2 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*58.6 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2018 04:26	01/12/2018 19:24	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
72-55-9	**4,4'-DDE**	**0.00457**		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
5103-71-9	**alpha-Chlordane**	**0.00585**		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/12/2018 04:24	01/15/2018 14:25	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH	01/12/2018 04:24	01/15/2018 14:25	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:25	SA

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**0.00791**		mg/kg dry	0.00184	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:25	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00918	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0929	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:49	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:49	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:49	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:49	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:49	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:49	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:49	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 00:49	LAB
							Certifications:			

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0223	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:40	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:40	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:40	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*115 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7170**		mg/kg dry	5.58	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.558	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.45**		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**78.3**		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.897**		mg/kg dry	0.335	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**17100**		mg/kg dry	5.58	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.558	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.97**		mg/kg dry	0.558	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**46.3**		mg/kg dry	0.558	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**15500**		mg/kg dry	2.23	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**188**		mg/kg dry	0.558	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5310**		mg/kg dry	5.58	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**257**		mg/kg dry	0.558	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**24.7**		mg/kg dry	0.558	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**981**		mg/kg dry	5.58	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**227**		mg/kg dry	11.2	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**23.7**		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**130**		mg/kg dry	1.67	1	EPA 6010C	01/18/2018 10:00	01/18/2018 13:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0758**		mg/kg dry	0.0335	1	EPA 7473	01/12/2018 09:11	01/12/2018 17:42	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.6**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB106_0-2 **York Sample ID:** 18A0267-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 10:45 am	01/10/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.558	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.9**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	1	EPA 9014/9010C	01/12/2018 08:45	01/12/2018 15:41	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.0048**	IS-LO, J	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.25	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.011**	J	mg/kg dry	0.0031	0.012	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.050**	SCAL-E	mg/kg dry	0.0061	0.012	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.014**	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.0072**	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.0059**	IS-LO, J	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.012	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.4 %*		*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*		*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*147 %*	S-08	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-93-2	**1,2,4,5-Tetramethylbenzene**	**12**	N	ug/kg dry			1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:			
NA	**Diethyl Benzene isomer**	**31**	N	ug/kg dry			1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:			
NA	**dihydro dimethyl indene isomer**	**19**	N	ug/kg dry			1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:			
NA	**Unknown alkane isomers**	**200**	N	ug/kg dry			1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:			
NA	**Unknown hydrocarbons**	**77**	N	ug/kg dry			1	EPA 8260C	01/15/2018 07:30	01/15/2018 20:36	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.204	0.408	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.204	0.408	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.129**		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.122**		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.998**		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0742**	J	mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.108**		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0937**	J	mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	**Pyrene**	**0.186**		mg/kg dry	0.0511	0.102	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.204	0.408	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*79.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*86.9 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*99.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*84.2 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*78.4 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*59.5 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**unknown aliphatic hydrocarbons**	**7990**		ug/kg dry			2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:20	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0403	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.0101	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.102	5	EPA 8081B	01/12/2018 04:24	01/12/2018 23:52	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:36	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:36	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:36	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A	01/12/2018 04:24	01/12/2018 21:36	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0240	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:53	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0240	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:53	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0240	1	EPA 8151A	01/15/2018 04:27	01/15/2018 16:53	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*121 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7050**		mg/kg dry	6.13	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.613	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.41**		mg/kg dry	1.23	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**56.6**		mg/kg dry	1.23	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.123	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.368	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**8080**		mg/kg dry	6.13	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.7**		mg/kg dry	0.613	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.94**		mg/kg dry	0.613	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**45.0**		mg/kg dry	0.613	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13500**		mg/kg dry	2.45	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**30.4**		mg/kg dry	0.613	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5510**		mg/kg dry	6.13	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**492**		mg/kg dry	0.613	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**29.4**		mg/kg dry	0.613	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1450**		mg/kg dry	6.13	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.23	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.613	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**253**		mg/kg dry	12.3	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.23	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.8**		mg/kg dry	1.23	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**96.8**		mg/kg dry	1.84	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0422**		mg/kg dry	0.0368	1	EPA 7473	01/12/2018 09:11	01/12/2018 17:51	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB106_11-12 **York Sample ID:** 18A0267-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:10 am	01/10/2018

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.5**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.613	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**20.7**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.613	1	EPA 9014/9010C	01/12/2018 08:45	01/12/2018 15:41	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB106B_14-15** **York Sample ID:** **18A0267-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.010**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.0024**	J	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.19	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0094	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.020**	CCV-E, SCAL-E	mg/kg dry	0.0047	0.0094	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0055**	J	mg/kg dry	0.0047	0.0094	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.0087**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.0028**	J	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.0038**	J	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0094	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.5 %*		*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.7 %*		*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*135 %*	S-08	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Diethyl Benzene isomer**	**25**	N	ug/kg dry			1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:			
NA	**dihydro dimethyl indene isomer**	**14**	N	ug/kg dry			1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:			
NA	**dihydro methyl indene isomer**	**12**	N	ug/kg dry			1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:			
NA	**Unknown alipahtic hydrocarbons**	**110**	N	ug/kg dry			1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:			
NA	**unknown alkyl benzene isomers**	**39**	N	ug/kg dry			1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:			
NA	**Unknown substituted naphthalene**	**11**	N	ug/kg dry			1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:42	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.0543**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.0898**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0740**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.207**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.190**	CCV-E	mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.139**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.158**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.111**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.823**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	**Chrysene**	**0.168**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.357**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0513**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0777**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.412**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.503**		mg/kg dry	0.0473	0.0944	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*75.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*83.4 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*95.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*81.8 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*89.4 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*65.0 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Unknown aliphatic hydrocarbon**	**15300**		ug/kg dry			2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:18	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		mg/kg dry	0.0374	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00934	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0945	5	EPA 8081B	01/24/2018 12:34	01/25/2018 17:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*107 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND	HT-01	mg/kg dry	0.0189	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:06	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND	HT-01	mg/kg dry	0.0189	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:06	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND	HT-01	mg/kg dry	0.0189	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:06	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND	HT-01	mg/kg dry	0.0189	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:06	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND	HT-01	mg/kg dry	0.0189	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:06	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND	HT-01	mg/kg dry	0.0189	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:06	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND	HT-01	mg/kg dry	0.0189	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:06	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND	HT-01	mg/kg dry	0.0189	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:06	LAB
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	HT-01	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	HT-01	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND	HT-01	mg/kg dry	0.0223	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:05	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND	HT-01	mg/kg dry	0.0223	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:05	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND	HT-01	mg/kg dry	0.0223	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:05	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*115 %*	HT-01	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5620**		mg/kg dry	5.66	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.47**		mg/kg dry	0.566	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.15**		mg/kg dry	1.13	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**39.3**		mg/kg dry	1.13	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.113	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5880**		mg/kg dry	5.66	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.6**		mg/kg dry	0.566	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.74**		mg/kg dry	0.566	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/kg dry	45.3	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12900**		mg/kg dry	2.26	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**14.4**		mg/kg dry	0.566	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3400**		mg/kg dry	5.66	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**367**		mg/kg dry	0.566	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**28.9**		mg/kg dry	0.566	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1060**	B	mg/kg dry	5.66	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.13	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**261**		mg/kg dry	11.3	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.13	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.0**		mg/kg dry	1.13	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**42.1**		mg/kg dry	1.70	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.159**		mg/kg dry	0.0340	1	EPA 7473	01/25/2018 09:38	01/25/2018 11:09	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB106B_14-15 **York Sample ID:** 18A0267-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 11:45 am	01/10/2018

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.3**		%	0.100	1	SM 2540G	01/29/2018 10:07	01/29/2018 13:40	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.566	1	EPA 7196A	01/25/2018 10:57	01/25/2018 17:04	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**15.6**		mg/kg	0.500	1	Calculation	01/30/2018 13:23	01/30/2018 13:30	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND	HT-01	mg/kg dry	0.566	1	EPA 9014/9010C	01/25/2018 08:14	01/25/2018 16:09	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB106B_23-25** **York Sample ID:** **18A0267-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.037	0.15	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0074	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0082**		mg/kg dry	0.0037	0.0074	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0074	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/12/2018 07:30	01/12/2018 14:01	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0713**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.0713**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.0529**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0463**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0493**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0647**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.127**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.115**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.155**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*71.0 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*75.6 %*	*23-114*

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*86.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*78.5 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*68.9 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*58.6 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Unknown aliphatic hydrocarbon**	**1250**		ug/kg dry			2	EPA 8270D	01/12/2018 04:26	01/12/2018 14:46	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00913	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0924	5	EPA 8081B	01/12/2018 04:24	01/13/2018 00:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*122 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	01/12/2018 04:24	01/12/2018 22:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	01/12/2018 04:24	01/12/2018 22:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	01/12/2018 04:24	01/12/2018 22:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	01/12/2018 04:24	01/12/2018 22:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	01/12/2018 04:24	01/12/2018 22:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	01/12/2018 04:24	01/12/2018 22:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	01/12/2018 04:24	01/12/2018 22:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	01/12/2018 04:24	01/12/2018 22:00	LAB
							Certifications:			

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	01/15/2018 04:27	01/15/2018 17:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	01/15/2018 04:27	01/15/2018 17:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	01/15/2018 04:27	01/15/2018 17:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*109 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4230**		mg/kg dry	5.53	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.553	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.67**		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**48.2**		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**7080**		mg/kg dry	5.53	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.1**		mg/kg dry	0.553	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.61**		mg/kg dry	0.553	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**17.5**		mg/kg dry	0.553	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**10300**		mg/kg dry	2.21	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**86.7**		mg/kg dry	0.553	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2450**		mg/kg dry	5.53	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**186**		mg/kg dry	0.553	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**18.3**		mg/kg dry	0.553	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**688**		mg/kg dry	5.53	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.553	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**240**		mg/kg dry	11.1	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**17.4**		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**60.6**		mg/kg dry	1.66	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0850**		mg/kg dry	0.0332	1	EPA 7473	01/12/2018 09:11	01/12/2018 15:05	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.4**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB106B_23-25 **York Sample ID:** 18A0267-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 1:15 pm	01/10/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.553	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.1**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.553	1	EPA 9014/9010C	01/12/2018 08:45	01/12/2018 15:41	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.18	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0092	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0092	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/12/2018 07:30	01/12/2018 18:17	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.129**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.529**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.521**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.458**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.355**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.420**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0791**	J	mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0466**	J	mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.495**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0732**	J	mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.07**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.262**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.597**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.01**		mg/kg dry	0.0464	0.0925	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	01/12/2018 04:26	01/12/2018 18:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*39.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*66.2 %*	*23-114*

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*73.0 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.7 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*25.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*48.5 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2018 04:26	01/12/2018 18:22	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
72-55-9	**4,4'-DDE**	**0.00328**		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
5103-71-9	**alpha-Chlordane**	**0.00722**		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/12/2018 04:24	01/15/2018 14:40	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH	01/12/2018 04:24	01/15/2018 14:40	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/12/2018 04:24	01/15/2018 14:40	SA

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**0.00753**		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:40	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00915	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0926	5	EPA 8081B	01/12/2018 04:24	01/15/2018 14:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 01:13	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 01:13	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 01:13	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 01:13	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 01:13	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 01:13	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 01:13	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	01/12/2018 04:24	01/13/2018 01:13	LAB
							Certifications:			

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	01/15/2018 04:27	01/15/2018 17:31	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	01/15/2018 04:27	01/15/2018 17:31	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	01/15/2018 04:27	01/15/2018 17:31	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*93.8 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7900**		mg/kg dry	5.55	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.555	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.90**		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**84.4**		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.558**		mg/kg dry	0.333	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**23100**		mg/kg dry	5.55	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.2**		mg/kg dry	0.555	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.36**		mg/kg dry	0.555	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**34.4**		mg/kg dry	0.555	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**15400**		mg/kg dry	2.22	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**88.7**		mg/kg dry	0.555	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**5830**		mg/kg dry	5.55	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**353**		mg/kg dry	0.555	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**25.8**		mg/kg dry	0.555	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**952**		mg/kg dry	5.55	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.555	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**309**		mg/kg dry	11.1	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**25.7**		mg/kg dry	1.11	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**107**		mg/kg dry	1.66	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:16	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0900**		mg/kg dry	0.0333	1	EPA 7473	01/12/2018 09:11	01/12/2018 17:59	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	01/12/2018 09:40	01/12/2018 13:59	TJM
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DUP01_011018 **York Sample ID:** 18A0267-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0267	170384501	Soil	January 10, 2018 12:34 pm	01/10/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.555	1	EPA 7196A	01/12/2018 09:00	01/12/2018 14:18	DM1
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.2**		mg/kg	0.500	1	Calculation	01/16/2018 14:42	01/18/2018 16:58	AD
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.555	1	EPA 9014/9010C	01/12/2018 08:45	01/12/2018 15:41	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BA80435 **Preparation Method:** EPA SW846-3060 **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/12/18
18A0267-03	SB104_0-2	01/12/18
18A0267-04	SB104A_2-4	01/12/18
18A0267-05	SB104A_6-8	01/12/18
18A0267-06	SB104A_11-12	01/12/18
18A0267-07	SB104A_14-15	01/12/18
18A0267-08	SB105_0-2	01/12/18
18A0267-09	SB105_2-3	01/12/18
18A0267-10	SB105_7-8	01/12/18
18A0267-11	SB105_11-12	01/12/18
18A0267-12	SB105_14-15	01/12/18
18A0267-13	SB106_0-2	01/12/18
18A0267-14	SB106_11-12	01/12/18
18A0267-17	SB106B_23-25	01/12/18
18A0267-18	DUP01_011018	01/12/18
BA80435-BLK1	Blank	01/12/18
BA80435-DUP1	Duplicate	01/12/18
BA80435-MS1	Matrix Spike	01/12/18
BA80435-SRM1	Reference	01/12/18

Batch ID: BA80438 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/12/18
18A0267-01	SB101_0-2	01/12/18
18A0267-03	SB104_0-2	01/12/18
18A0267-03	SB104_0-2	01/12/18
18A0267-08	SB105_0-2	01/12/18
18A0267-08	SB105_0-2	01/12/18
18A0267-13	SB106_0-2	01/12/18
18A0267-13	SB106_0-2	01/12/18
18A0267-14	SB106_11-12	01/12/18
18A0267-14	SB106_11-12	01/12/18
18A0267-17	SB106B_23-25	01/12/18
18A0267-17	SB106B_23-25	01/12/18
18A0267-18	DUP01_011018	01/12/18
18A0267-18	DUP01_011018	01/12/18
BA80438-BLK1	Blank	01/12/18
BA80438-BLK2	Blank	01/12/18
BA80438-BS1	LCS	01/12/18
BA80438-BS2	LCS	01/12/18
BA80438-MS1	Matrix Spike	01/12/18
BA80438-MSD1	Matrix Spike Dup	01/12/18

Batch ID: BA80439 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/12/18
18A0267-01	SB101_0-2	01/12/18
18A0267-03	SB104_0-2	01/12/18
18A0267-03	SB104_0-2	01/12/18
18A0267-08	SB105_0-2	01/12/18
18A0267-08	SB105_0-2	01/12/18
18A0267-13	SB106_0-2	01/12/18
18A0267-13	SB106_0-2	01/12/18
18A0267-14	SB106_11-12	01/12/18
18A0267-14	SB106_11-12	01/12/18
18A0267-17	SB106B_23-25	01/12/18
18A0267-17	SB106B_23-25	01/12/18
18A0267-18	DUP01_011018	01/12/18
18A0267-18	DUP01_011018	01/12/18
BA80439-BLK1	Blank	01/12/18
BA80439-BLK1	Blank	01/12/18
BA80439-BS1	LCS	01/12/18
BA80439-MS1	Matrix Spike	01/12/18
BA80439-MSD1	Matrix Spike Dup	01/12/18

Batch ID: BA80443 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/12/18
18A0267-03	SB104_0-2	01/12/18
18A0267-08	SB105_0-2	01/12/18
18A0267-13	SB106_0-2	01/12/18
18A0267-14	SB106_11-12	01/12/18
18A0267-17	SB106B_23-25	01/12/18
18A0267-18	DUP01_011018	01/12/18
BA80443-BLK1	Blank	01/12/18
BA80443-DUP1	Duplicate	01/12/18
BA80443-MS1	Matrix Spike	01/12/18
BA80443-SRM1	Reference	01/12/18

Batch ID: BA80447 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/12/18
18A0267-03	SB104_0-2	01/12/18
18A0267-04	SB104A_2-4	01/12/18
18A0267-05	SB104A_6-8	01/12/18
18A0267-06	SB104A_11-12	01/12/18
18A0267-07	SB104A_14-15	01/12/18
18A0267-08	SB105_0-2	01/12/18
18A0267-09	SB105_2-3	01/12/18
18A0267-10	SB105_7-8	01/12/18
18A0267-11	SB105_11-12	01/12/18

18A0267-12	SB105_14-15	01/12/18
18A0267-13	SB106_0-2	01/12/18
18A0267-14	SB106_11-12	01/12/18
18A0267-17	SB106B_23-25	01/12/18
18A0267-18	DUP01_011018	01/12/18
BA80447-BLK1	Blank	01/12/18
BA80447-DUP1	Duplicate	01/12/18
BA80447-MS1	Matrix Spike	01/12/18
BA80447-SRM1	Reference	01/12/18

Batch ID: BA80448 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/18/18
18A0267-03	SB104_0-2	01/18/18
18A0267-04	SB104A_2-4	01/18/18
18A0267-05	SB104A_6-8	01/18/18
18A0267-06	SB104A_11-12	01/18/18
18A0267-07	SB104A_14-15	01/18/18
18A0267-08	SB105_0-2	01/18/18
18A0267-09	SB105_2-3	01/18/18
18A0267-10	SB105_7-8	01/18/18
18A0267-11	SB105_11-12	01/18/18
18A0267-12	SB105_14-15	01/18/18
18A0267-13	SB106_0-2	01/18/18
18A0267-14	SB106_11-12	01/18/18
18A0267-17	SB106B_23-25	01/18/18
18A0267-18	DUP01_011018	01/18/18
BA80448-BLK1	Blank	01/18/18
BA80448-DUP1	Duplicate	01/18/18
BA80448-MS1	Matrix Spike	01/18/18
BA80448-SRM1	Reference	01/12/18

Batch ID: BA80454 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/12/18
18A0267-03	SB104_0-2	01/12/18
18A0267-04	SB104A_2-4	01/12/18
18A0267-05	SB104A_6-8	01/12/18
18A0267-06	SB104A_11-12	01/12/18
18A0267-07	SB104A_14-15	01/12/18
18A0267-08	SB105_0-2	01/12/18
18A0267-09	SB105_2-3	01/12/18
18A0267-10	SB105_7-8	01/12/18
18A0267-11	SB105_11-12	01/12/18
18A0267-12	SB105_14-15	01/12/18
18A0267-13	SB106_0-2	01/12/18
18A0267-14	SB106_11-12	01/12/18
18A0267-17	SB106B_23-25	01/12/18
18A0267-18	DUP01_011018	01/12/18

BA80454-DUP1	Duplicate	01/12/18

Batch ID: BA80461 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/12/18
18A0267-03	SB104_0-2	01/12/18
18A0267-08	SB105_0-2	01/12/18
18A0267-13	SB106_0-2	01/12/18
18A0267-17	SB106B_23-25	01/12/18
18A0267-18	DUP01_011018	01/12/18
BA80461-BLK1	Blank	01/12/18
BA80461-BLK2	Blank	01/12/18
BA80461-BS1	LCS	01/12/18
BA80461-BSD1	LCS Dup	01/12/18
BA80461-MS1	Matrix Spike	01/12/18
BA80461-MSD1	Matrix Spike Dup	01/12/18

Batch ID: BA80484 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/15/18
18A0267-03	SB104_0-2	01/15/18
18A0267-08	SB105_0-2	01/15/18
18A0267-13	SB106_0-2	01/15/18
18A0267-14	SB106_11-12	01/15/18
18A0267-17	SB106B_23-25	01/15/18
18A0267-18	DUP01_011018	01/15/18
BA80484-BLK1	Blank	01/15/18
BA80484-BS1	LCS	01/15/18
BA80484-MS1	Matrix Spike	01/15/18
BA80484-MSD1	Matrix Spike Dup	01/15/18

Batch ID: BA80490 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-14	SB106_11-12	01/15/18
BA80490-BLK1	Blank	01/15/18
BA80490-BLK2	Blank	01/15/18
BA80490-BS1	LCS	01/15/18
BA80490-BSD1	LCS Dup	01/15/18

Batch ID: BA80584 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-01	SB101_0-2	01/16/18
18A0267-03	SB104_0-2	01/16/18
18A0267-04	SB104A_2-4	01/16/18
18A0267-05	SB104A_6-8	01/16/18

18A0267-06	SB104A_11-12	01/16/18
18A0267-07	SB104A_14-15	01/16/18
18A0267-08	SB105_0-2	01/16/18
18A0267-09	SB105_2-3	01/16/18
18A0267-10	SB105_7-8	01/16/18
18A0267-11	SB105_11-12	01/16/18
18A0267-12	SB105_14-15	01/16/18
18A0267-13	SB106_0-2	01/16/18
18A0267-14	SB106_11-12	01/16/18
18A0267-17	SB106B_23-25	01/16/18
18A0267-18	DUP01_011018	01/16/18

Batch ID: BA80935 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/24/18
BA80935-BLK1	Blank	01/24/18
BA80935-BLK2	Blank	01/24/18
BA80935-BS1	LCS	01/24/18
BA80935-BSD1	LCS Dup	01/24/18

Batch ID: BA80942 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/24/18
18A0267-15	SB106B_14-15	01/24/18
BA80942-BLK1	Blank	01/24/18
BA80942-BLK1	Blank	01/24/18
BA80942-BS1	LCS	01/24/18

Batch ID: BA80943 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/24/18
18A0267-15	SB106B_14-15	01/24/18
BA80943-BLK1	Blank	01/24/18
BA80943-BLK2	Blank	01/24/18
BA80943-BS1	LCS	01/24/18
BA80943-BS2	LCS	01/24/18

Batch ID: BA80981 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/25/18
BA80981-BLK1	Blank	01/25/18
BA80981-DUP1	Duplicate	01/25/18
BA80981-MS1	Matrix Spike	01/25/18
BA80981-SRM1	Reference	01/25/18

Batch ID: BA80987 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/25/18
BA80987-BLK1	Blank	01/25/18
BA80987-SRM1	Reference	01/25/18

Batch ID: BA80988 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/25/18
BA80988-BLK1	Blank	01/25/18
BA80988-SRM1	Reference	01/25/18

Batch ID: BA80996 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/25/18
BA80996-BLK1	Blank	01/25/18
BA80996-SRM1	Reference	01/25/18

Batch ID: BA81026 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/26/18
BA81026-BLK1	Blank	01/26/18
BA81026-BS1	LCS	01/26/18

Batch ID: BA81122 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/29/18
BA81122-DUP1	Duplicate	01/29/18

Batch ID: BA81216 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0267-15	SB106B_14-15	01/30/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80461 - EPA 5035A											
Blank (BA80461-BLK1)											Prepared & Analyzed: 01/12/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80461 - EPA 5035A											
Blank (BA80461-BLK1)									Prepared & Analyzed: 01/12/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*ug/L*	*50.0*		*98.6*	*77-125*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				
Blank (BA80461-BLK2)									Prepared & Analyzed: 01/12/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	20	"								
2-Butanone	ND	1.0	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80461 - EPA 5035A											
Blank (BA80461-BLK2)											
Prepared & Analyzed: 01/12/2018											
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*49.4*		*ug/L*	*50.0*		*98.8*	*77-125*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80461 - EPA 5035A											
LCS (BA80461-BS1)								Prepared & Analyzed: 01/12/2018			
1,1,1,2-Tetrachloroethane	49.3		ug/L	50.0		98.6	75-129				
1,1,1-Trichloroethane	49.6		"	50.0		99.2	71-137				
1,1,2,2-Tetrachloroethane	48.3		"	50.0		96.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.8		"	50.0		104	58-146				
1,1,2-Trichloroethane	48.2		"	50.0		96.5	83-123				
1,1-Dichloroethane	50.1		"	50.0		100	75-130				
1,1-Dichloroethylene	48.4		"	50.0		96.8	64-137				
1,2,3-Trichlorobenzene	49.5		"	50.0		98.9	81-140				
1,2,3-Trichloropropane	49.2		"	50.0		98.4	81-126				
1,2,4-Trichlorobenzene	49.9		"	50.0		99.8	80-141				
1,2,4-Trimethylbenzene	49.7		"	50.0		99.4	84-125				
1,2-Dibromo-3-chloropropane	53.0		"	50.0		106	74-142				
1,2-Dibromoethane	48.5		"	50.0		97.0	86-123				
1,2-Dichlorobenzene	48.8		"	50.0		97.7	85-122				
1,2-Dichloroethane	49.5		"	50.0		99.0	71-133				
1,2-Dichloropropane	48.4		"	50.0		96.9	81-122				
1,3,5-Trimethylbenzene	48.6		"	50.0		97.3	82-126				
1,3-Dichlorobenzene	48.2		"	50.0		96.5	84-124				
1,4-Dichlorobenzene	48.3		"	50.0		96.7	84-124				
1,4-Dioxane	1200		"	1050		114	10-228				
2-Butanone	46.3		"	50.0		92.6	58-147				
2-Hexanone	44.9		"	50.0		89.8	70-139				
4-Methyl-2-pentanone	46.2		"	50.0		92.5	72-132				
Acetone	31.4		"	50.0		62.7	36-155				
Acrolein	400		"	500		80.0	10-238				
Acrylonitrile	50.9		"	50.0		102	66-141				
Benzene	49.4		"	50.0		98.8	77-127				
Bromochloromethane	49.3		"	50.0		98.6	74-129				
Bromodichloromethane	47.2		"	50.0		94.4	81-124				
Bromoform	47.1		"	50.0		94.3	80-136				
Bromomethane	52.5		"	50.0		105	32-177				
Carbon disulfide	53.9		"	50.0		108	10-136				
Carbon tetrachloride	50.0		"	50.0		100	66-143				
Chlorobenzene	48.6		"	50.0		97.1	86-120				
Chloroethane	59.1		"	50.0		118	51-142				
Chloroform	49.3		"	50.0		98.6	76-131				
Chloromethane	60.5		"	50.0		121	49-132				
cis-1,2-Dichloroethylene	49.6		"	50.0		99.3	74-132				
cis-1,3-Dichloropropylene	47.7		"	50.0		95.3	81-129				
Cyclohexane	49.0		"	50.0		98.1	70-130				
Dibromochloromethane	49.4		"	50.0		98.7	10-200				
Dibromomethane	47.9		"	50.0		95.8	83-124				
Dichlorodifluoromethane	68.0		"	50.0		136	28-158				
Ethyl Benzene	49.6		"	50.0		99.3	84-125				
Hexachlorobutadiene	50.8		"	50.0		102	83-133				
Isopropylbenzene	47.6		"	50.0		95.3	81-127				
Methyl acetate	37.2		"	50.0		74.5	41-143				
Methyl tert-butyl ether (MTBE)	50.0		"	50.0		100	74-131				
Methylcyclohexane	47.6		"	50.0		95.3	70-130				
Methylene chloride	49.2		"	50.0		98.3	57-141				
n-Butylbenzene	50.8		"	50.0		102	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

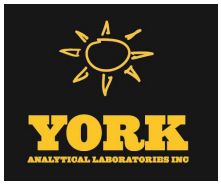
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80461 - EPA 5035A											
LCS (BA80461-BS1)								Prepared & Analyzed: 01/12/2018			
n-Propylbenzene	48.6		ug/L	50.0		97.3	74-136				
o-Xylene	49.7		"	50.0		99.3	83-123				
p- & m- Xylenes	99.0		"	100		99.0	82-128				
p-Isopropyltoluene	49.9		"	50.0		99.9	85-125				
sec-Butylbenzene	50.8		"	50.0		102	83-125				
Styrene	48.1		"	50.0		96.2	86-126				
tert-Butyl alcohol (TBA)	247		"	250		98.8	70-130				
tert-Butylbenzene	48.6		"	50.0		97.2	80-127				
Tetrachloroethylene	46.2		"	50.0		92.4	80-129				
Toluene	48.3		"	50.0		96.7	85-121				
trans-1,2-Dichloroethylene	48.9		"	50.0		97.8	72-132				
trans-1,3-Dichloropropylene	47.1		"	50.0		94.2	78-132				
Trichloroethylene	48.9		"	50.0		97.8	84-123				
Trichlorofluoromethane	56.9		"	50.0		114	62-140				
Vinyl Chloride	57.7		"	50.0		115	52-130				
Surrogate: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.6*	*77-125*				
Surrogate: Toluene-d8	*49.3*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				
LCS Dup (BA80461-BSD1)								Prepared & Analyzed: 01/12/2018			
1,1,1,2-Tetrachloroethane	49.6		ug/L	50.0		99.2	75-129		0.627	30	
1,1,1-Trichloroethane	50.5		"	50.0		101	71-137		1.90	30	
1,1,2,2-Tetrachloroethane	48.6		"	50.0		97.1	79-129		0.516	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.4		"	50.0		105	58-146		1.08	30	
1,1,2-Trichloroethane	47.6		"	50.0		95.1	83-123		1.42	30	
1,1-Dichloroethane	50.7		"	50.0		101	75-130		1.17	30	
1,1-Dichloroethylene	48.7		"	50.0		97.5	64-137		0.679	30	
1,2,3-Trichlorobenzene	48.9		"	50.0		97.8	81-140		1.18	30	
1,2,3-Trichloropropane	50.3		"	50.0		101	81-126		2.25	30	
1,2,4-Trichlorobenzene	50.2		"	50.0		100	80-141		0.500	30	
1,2,4-Trimethylbenzene	50.9		"	50.0		102	84-125		2.35	30	
1,2-Dibromo-3-chloropropane	52.3		"	50.0		105	74-142		1.29	30	
1,2-Dibromoethane	48.2		"	50.0		96.4	86-123		0.579	30	
1,2-Dichlorobenzene	49.8		"	50.0		99.7	85-122		2.01	30	
1,2-Dichloroethane	49.7		"	50.0		99.3	71-133		0.302	30	
1,2-Dichloropropane	49.0		"	50.0		98.0	81-122		1.19	30	
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126		2.94	30	
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124		2.21	30	
1,4-Dichlorobenzene	49.1		"	50.0		98.3	84-124		1.62	30	
1,4-Dioxane	1210		"	1050		115	10-228		0.547	30	
2-Butanone	45.6		"	50.0		91.1	58-147		1.57	30	
2-Hexanone	44.0		"	50.0		88.1	70-139		2.00	30	
4-Methyl-2-pentanone	45.5		"	50.0		91.0	72-132		1.66	30	
Acetone	31.7		"	50.0		63.4	36-155		1.08	30	
Acrolein	403		"	500		80.7	10-238		0.896	30	
Acrylonitrile	49.9		"	50.0		99.7	66-141		2.12	30	
Benzene	50.3		"	50.0		101	77-127		1.84	30	
Bromochloromethane	50.1		"	50.0		100	74-129		1.57	30	
Bromodichloromethane	47.1		"	50.0		94.2	81-124		0.212	30	
Bromoform	49.1		"	50.0		98.2	80-136		4.09	30	
Bromomethane	51.5		"	50.0		103	32-177		1.83	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80461 - EPA 5035A											
LCS Dup (BA80461-BSD1)								Prepared & Analyzed: 01/12/2018			
Carbon disulfide	55.3		ug/L	50.0		111	10-136		2.51	30	
Carbon tetrachloride	51.1		"	50.0		102	66-143		2.20	30	
Chlorobenzene	49.5		"	50.0		99.0	86-120		1.86	30	
Chloroethane	59.2		"	50.0		118	51-142		0.135	30	
Chloroform	50.2		"	50.0		100	76-131		1.71	30	
Chloromethane	60.2		"	50.0		120	49-132		0.530	30	
cis-1,2-Dichloroethylene	50.4		"	50.0		101	74-132		1.62	30	
cis-1,3-Dichloropropylene	48.8		"	50.0		97.5	81-129		2.28	30	
Cyclohexane	50.2		"	50.0		100	70-130		2.40	30	
Dibromochloromethane	50.2		"	50.0		100	10-200		1.61	30	
Dibromomethane	47.8		"	50.0		95.6	83-124		0.188	30	
Dichlorodifluoromethane	68.7		"	50.0		137	28-158		0.994	30	
Ethyl Benzene	49.9		"	50.0		99.8	84-125		0.502	30	
Hexachlorobutadiene	51.3		"	50.0		103	83-133		0.979	30	
Isopropylbenzene	49.2		"	50.0		98.3	81-127		3.14	30	
Methyl acetate	38.2		"	50.0		76.3	41-143		2.49	30	
Methyl tert-butyl ether (MTBE)	51.1		"	50.0		102	74-131		2.16	30	
Methylcyclohexane	48.1		"	50.0		96.1	70-130		0.899	30	
Methylene chloride	50.2		"	50.0		100	57-141		2.13	30	
n-Butylbenzene	51.4		"	50.0		103	80-130		1.12	30	
n-Propylbenzene	50.3		"	50.0		101	74-136		3.39	30	
o-Xylene	50.4		"	50.0		101	83-123		1.46	30	
p- & m- Xylenes	99.0		"	100		99.0	82-128		0.0505	30	
p-Isopropyltoluene	51.2		"	50.0		102	85-125		2.47	30	
sec-Butylbenzene	52.2		"	50.0		104	83-125		2.80	30	
Styrene	48.1		"	50.0		96.3	86-126		0.104	30	
tert-Butyl alcohol (TBA)	246		"	250		98.4	70-130		0.389	30	
tert-Butylbenzene	50.4		"	50.0		101	80-127		3.62	30	
Tetrachloroethylene	47.2		"	50.0		94.4	80-129		2.16	30	
Toluene	49.4		"	50.0		98.7	85-121		2.11	30	
trans-1,2-Dichloroethylene	50.5		"	50.0		101	72-132		3.14	30	
trans-1,3-Dichloropropylene	48.3		"	50.0		96.6	78-132		2.47	30	
Trichloroethylene	50.0		"	50.0		99.9	84-123		2.19	30	
Trichlorofluoromethane	57.0		"	50.0		114	62-140		0.123	30	
Vinyl Chloride	57.9		"	50.0		116	52-130		0.467	30	
Surrogate: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.8*	*77-125*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*98.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.1*		*"*	*50.0*		*102*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80461 - EPA 5035A											
Matrix Spike (BA80461-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
1,1,1,2-Tetrachloroethane	46.3		ug/L	50.0	0.00	92.6	15-161				
1,1,1-Trichloroethane	46.1		"	50.0	0.00	92.2	42-145				
1,1,2,2-Tetrachloroethane	40.8		"	50.0	0.00	81.6	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.4		"	50.0	0.00	80.9	11-160				
1,1,2-Trichloroethane	45.2		"	50.0	0.00	90.3	44-145				
1,1-Dichloroethane	46.4		"	50.0	0.00	92.8	46-142				
1,1-Dichloroethylene	43.7		"	50.0	0.00	87.4	30-153				
1,2,3-Trichlorobenzene	35.4		"	50.0	0.00	70.8	10-157				
1,2,3-Trichloropropane	46.3		"	50.0	0.00	92.5	38-155				
1,2,4-Trichlorobenzene	35.8		"	50.0	0.00	71.6	10-151				
1,2,4-Trimethylbenzene	41.6		"	50.0	0.00	83.1	10-170				
1,2-Dibromo-3-chloropropane	48.7		"	50.0	0.00	97.3	36-138				
1,2-Dibromoethane	45.2		"	50.0	0.00	90.5	40-142				
1,2-Dichlorobenzene	42.4		"	50.0	0.00	84.7	10-147				
1,2-Dichloroethane	47.7		"	50.0	0.00	95.4	48-133				
1,2-Dichloropropane	46.9		"	50.0	0.00	93.8	47-141				
1,3,5-Trimethylbenzene	41.1		"	50.0	0.00	82.3	10-150				
1,3-Dichlorobenzene	41.4		"	50.0	0.00	82.8	10-144				
1,4-Dichlorobenzene	41.1		"	50.0	0.00	82.2	10-160				
1,4-Dioxane	1980		"	1050	0.00	188	10-191				
2-Butanone	48.0		"	50.0	0.00	96.0	10-189				
2-Hexanone	44.0		"	50.0	0.00	88.0	10-181				
4-Methyl-2-pentanone	43.6		"	50.0	0.00	87.2	10-166				
Acetone	52.1		"	50.0	0.00	104	10-196				
Acrolein	112		"	500	0.00	22.4	10-192				
Acrylonitrile	48.2		"	50.0	0.00	96.4	13-161				
Benzene	46.6		"	50.0	0.00	93.1	43-139				
Bromochloromethane	46.7		"	50.0	0.00	93.4	38-145				
Bromodichloromethane	46.7		"	50.0	0.00	93.4	38-147				
Bromoform	44.0		"	50.0	0.00	87.9	29-156				
Bromomethane	47.3		"	50.0	0.00	94.5	10-166				
Carbon disulfide	42.4		"	50.0	0.00	84.8	10-131				
Carbon tetrachloride	45.6		"	50.0	0.00	91.2	35-145				
Chlorobenzene	44.8		"	50.0	0.00	89.7	21-154				
Chloroethane	50.9		"	50.0	0.00	102	15-160				
Chloroform	47.8		"	50.0	0.00	95.7	47-142				
Chloromethane	48.3		"	50.0	0.00	96.7	10-159				
cis-1,2-Dichloroethylene	45.9		"	50.0	0.00	91.9	42-144				
cis-1,3-Dichloropropylene	44.8		"	50.0	0.00	89.6	18-159				
Cyclohexane	40.2		"	50.0	0.00	80.5	70-130				
Dibromochloromethane	46.1		"	50.0	0.00	92.2	10-179				
Dibromomethane	45.3		"	50.0	0.00	90.6	47-143				
Dichlorodifluoromethane	41.4		"	50.0	0.00	82.7	10-145				
Ethyl Benzene	45.3		"	50.0	0.00	90.6	11-158				
Hexachlorobutadiene	24.2		"	50.0	0.00	48.5	10-158				
Isopropylbenzene	41.7		"	50.0	0.00	83.4	10-162				
Methyl acetate	37.9		"	50.0	0.00	75.9	10-149				
Methyl tert-butyl ether (MTBE)	47.4		"	50.0	0.00	94.8	42-152				
Methylcyclohexane	34.9		"	50.0	0.00	69.8	70-130	Low Bias			
Methylene chloride	55.2		"	50.0	7.44	95.5	28-151				
n-Butylbenzene	36.2		"	50.0	0.00	72.4	10-162				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80461 - EPA 5035A											
Matrix Spike (BA80461-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
n-Propylbenzene	41.0		ug/L	50.0	0.00	81.9	10-155				
o-Xylene	45.6		"	50.0	0.00	91.1	10-158				
p- & m- Xylenes	89.4		"	100	0.00	89.4	10-156				
p-Isopropyltoluene	38.8		"	50.0	0.00	77.6	10-147				
sec-Butylbenzene	39.6		"	50.0	0.00	79.1	10-157				
Styrene	45.1		"	50.0	0.00	90.3	13-171				
tert-Butyl alcohol (TBA)	230		"	250	0.00	91.9	34-179				
tert-Butylbenzene	39.5		"	50.0	0.00	79.1	10-160				
Tetrachloroethylene	40.7		"	50.0	0.00	81.4	30-167				
Toluene	45.3		"	50.0	0.00	90.5	21-160				
trans-1,2-Dichloroethylene	44.8		"	50.0	0.00	89.5	29-153				
trans-1,3-Dichloropropylene	44.0		"	50.0	0.00	87.9	18-155				
Trichloroethylene	49.7		"	50.0	0.00	99.4	24-169				
Trichlorofluoromethane	49.6		"	50.0	0.00	99.2	35-142				
Vinyl Chloride	47.7		"	50.0	0.00	95.4	12-160				
Surrogate: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
Matrix Spike Dup (BA80461-MSD1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
1,1,1,2-Tetrachloroethane	46.3		ug/L	50.0	0.00	92.5	15-161		0.0648	33	
1,1,1-Trichloroethane	46.6		"	50.0	0.00	93.1	42-145		1.04	30	
1,1,2,2-Tetrachloroethane	41.5		"	50.0	0.00	83.0	16-167		1.70	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.6		"	50.0	0.00	81.2	11-160		0.444	31	
1,1,2-Trichloroethane	45.3		"	50.0	0.00	90.6	44-145		0.287	40	
1,1-Dichloroethane	47.5		"	50.0	0.00	95.0	46-142		2.36	36	
1,1-Dichloroethylene	44.0		"	50.0	0.00	88.0	30-153		0.730	31	
1,2,3-Trichlorobenzene	34.8		"	50.0	0.00	69.6	10-157		1.82	47	
1,2,3-Trichloropropane	48.5		"	50.0	0.00	97.0	38-155		4.75	48	
1,2,4-Trichlorobenzene	35.9		"	50.0	0.00	71.8	10-151		0.307	52	
1,2,4-Trimethylbenzene	42.5		"	50.0	0.00	85.0	10-170		2.21	242	
1,2-Dibromo-3-chloropropane	48.2		"	50.0	0.00	96.4	36-138		0.950	54	
1,2-Dibromoethane	46.1		"	50.0	0.00	92.1	40-142		1.82	39	
1,2-Dichlorobenzene	43.4		"	50.0	0.00	86.8	10-147		2.47	52	
1,2-Dichloroethane	47.5		"	50.0	0.00	95.0	48-133		0.399	32	
1,2-Dichloropropane	47.3		"	50.0	0.00	94.6	47-141		0.786	37	
1,3,5-Trimethylbenzene	41.7		"	50.0	0.00	83.4	10-150		1.42	62	
1,3-Dichlorobenzene	41.2		"	50.0	0.00	82.4	10-144		0.533	51	
1,4-Dichlorobenzene	41.9		"	50.0	0.00	83.7	10-160		1.83	52	
1,4-Dioxane	2270		"	1050	0.00	216	10-191	High Bias	13.8	196	
2-Butanone	48.0		"	50.0	0.00	96.0	10-189		0.0208	67	
2-Hexanone	43.5		"	50.0	0.00	87.0	10-181		1.17	60	
4-Methyl-2-pentanone	43.5		"	50.0	0.00	87.1	10-166		0.115	47	
Acetone	64.1		"	50.0	0.00	128	10-196		20.7	150	
Acrolein	103		"	500	0.00	20.7	10-192		8.07	128	
Acrylonitrile	46.4		"	50.0	0.00	92.7	13-161		3.91	48	
Benzene	47.0		"	50.0	0.00	94.0	43-139		0.941	64	
Bromochloromethane	46.7		"	50.0	0.00	93.4	38-145		0.00	30	
Bromodichloromethane	46.9		"	50.0	0.00	93.9	38-147		0.470	37	
Bromoform	45.7		"	50.0	0.00	91.4	29-156		3.81	51	
Bromomethane	28.2		"	50.0	0.00	56.4	10-166		50.5	42	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80461 - EPA 5035A											
Matrix Spike Dup (BA80461-MSD1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
Carbon disulfide	42.7		ug/L	50.0	0.00	85.4	10-131		0.658	36	
Carbon tetrachloride	45.7		"	50.0	0.00	91.4	35-145		0.219	31	
Chlorobenzene	44.6		"	50.0	0.00	89.1	21-154		0.626	32	
Chloroethane	46.3		"	50.0	0.00	92.6	15-160		9.47	40	
Chloroform	48.3		"	50.0	0.00	96.6	47-142		0.915	29	
Chloromethane	45.5		"	50.0	0.00	91.0	10-159		6.03	31	
cis-1,2-Dichloroethylene	46.5		"	50.0	0.00	92.9	42-144		1.15	30	
cis-1,3-Dichloropropylene	45.2		"	50.0	0.00	90.5	18-159		0.911	39	
Cyclohexane	40.8		"	50.0	0.00	81.5	70-130		1.31	30	
Dibromochloromethane	46.5		"	50.0	0.00	93.0	10-179		0.864	41	
Dibromomethane	45.7		"	50.0	0.00	91.5	47-143		0.945	41	
Dichlorodifluoromethane	39.6		"	50.0	0.00	79.3	10-145		4.22	34	
Ethyl Benzene	44.8		"	50.0	0.00	89.6	11-158		1.11	42	
Hexachlorobutadiene	24.2		"	50.0	0.00	48.5	10-158		0.0413	45	
Isopropylbenzene	42.8		"	50.0	0.00	85.7	10-162		2.74	57	
Methyl acetate	38.7		"	50.0	0.00	77.4	10-149		2.06	64	
Methyl tert-butyl ether (MTBE)	47.6		"	50.0	0.00	95.1	42-152		0.379	47	
Methylcyclohexane	35.2		"	50.0	0.00	70.4	70-130		0.885	30	
Methylene chloride	52.4		"	50.0	7.44	89.9	28-151		5.19	49	
n-Butylbenzene	37.0		"	50.0	0.00	73.9	10-162		2.05	96	
n-Propylbenzene	42.4		"	50.0	0.00	84.7	10-155		3.34	56	
o-Xylene	44.8		"	50.0	0.00	89.6	10-158		1.70	51	
p- & m- Xylenes	88.4		"	100	0.00	88.4	10-156		1.09	47	
p-Isopropyltoluene	39.2		"	50.0	0.00	78.3	10-147		0.975	60	
sec-Butylbenzene	39.8		"	50.0	0.00	79.6	10-157		0.580	56	
Styrene	44.1		"	50.0	0.00	88.2	13-171		2.31	39	
tert-Butyl alcohol (TBA)	245		"	250	0.00	97.8	34-179		6.21	35	
tert-Butylbenzene	40.0		"	50.0	0.00	80.0	10-160		1.13	79	
Tetrachloroethylene	41.2		"	50.0	0.00	82.4	30-167		1.25	33	
Toluene	45.8		"	50.0	0.00	91.6	21-160		1.14	50	
trans-1,2-Dichloroethylene	45.6		"	50.0	0.00	91.2	29-153		1.84	30	
trans-1,3-Dichloropropylene	45.0		"	50.0	0.00	89.9	18-155		2.25	30	
Trichloroethylene	50.6		"	50.0	0.00	101	24-169		1.83	30	
Trichlorofluoromethane	49.3		"	50.0	0.00	98.6	35-142		0.667	30	
Vinyl Chloride	46.5		"	50.0	0.00	92.9	12-160		2.68	35	
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*77-125*				
Surrogate: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80490 - EPA 5035A											
Blank (BA80490-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Prepared & Analyzed: 01/15/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80490 - EPA 5035A											
Blank (BA80490-BLK1)									Prepared & Analyzed: 01/15/2018		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*ug/L*	*50.0*		*98.1*	*77-125*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
Blank (BA80490-BLK2)									Prepared & Analyzed: 01/15/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	20	"								
2-Butanone	ND	1.0	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80490 - EPA 5035A											
Blank (BA80490-BLK2)											
Prepared & Analyzed: 01/15/2018											
Bromodichloromethane	ND	0.50	mg/kg wet								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*ug/L*	*50.0*		*96.7*	*77-125*				
Surrogate: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80490 - EPA 5035A											
LCS (BA80490-BS1)								Prepared & Analyzed: 01/15/2018			
1,1,1,2-Tetrachloroethane	48.0		ug/L	50.0		95.9	75-129				
1,1,1-Trichloroethane	49.6		"	50.0		99.3	71-137				
1,1,2,2-Tetrachloroethane	48.6		"	50.0		97.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.8		"	50.0		106	58-146				
1,1,2-Trichloroethane	46.1		"	50.0		92.3	83-123				
1,1-Dichloroethane	50.2		"	50.0		100	75-130				
1,1-Dichloroethylene	49.8		"	50.0		99.6	64-137				
1,2,3-Trichlorobenzene	46.9		"	50.0		93.8	81-140				
1,2,3-Trichloropropane	47.8		"	50.0		95.7	81-126				
1,2,4-Trichlorobenzene	49.0		"	50.0		98.1	80-141				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.1	84-125				
1,2-Dibromo-3-chloropropane	52.3		"	50.0		105	74-142				
1,2-Dibromoethane	47.3		"	50.0		94.6	86-123				
1,2-Dichlorobenzene	47.9		"	50.0		95.8	85-122				
1,2-Dichloroethane	49.5		"	50.0		99.0	71-133				
1,2-Dichloropropane	47.6		"	50.0		95.1	81-122				
1,3,5-Trimethylbenzene	48.6		"	50.0		97.1	82-126				
1,3-Dichlorobenzene	47.5		"	50.0		95.0	84-124				
1,4-Dichlorobenzene	47.9		"	50.0		95.9	84-124				
1,4-Dioxane	1070		"	1050		102	10-228				
2-Butanone	51.6		"	50.0		103	58-147				
2-Hexanone	46.6		"	50.0		93.1	70-139				
4-Methyl-2-pentanone	47.7		"	50.0		95.5	72-132				
Acetone	45.1		"	50.0		90.1	36-155				
Acrolein	38.9		"	500		7.77	10-238	Low Bias			
Acrylonitrile	50.3		"	50.0		101	66-141				
Benzene	49.8		"	50.0		99.7	77-127				
Bromochloromethane	50.0		"	50.0		99.9	74-129				
Bromodichloromethane	45.8		"	50.0		91.6	81-124				
Bromoform	46.0		"	50.0		92.0	80-136				
Bromomethane	53.5		"	50.0		107	32-177				
Carbon disulfide	56.2		"	50.0		112	10-136				
Carbon tetrachloride	50.9		"	50.0		102	66-143				
Chlorobenzene	47.5		"	50.0		95.0	86-120				
Chloroethane	61.0		"	50.0		122	51-142				
Chloroform	49.3		"	50.0		98.5	76-131				
Chloromethane	64.7		"	50.0		129	49-132				
cis-1,2-Dichloroethylene	49.9		"	50.0		99.8	74-132				
cis-1,3-Dichloropropylene	47.1		"	50.0		94.2	81-129				
Cyclohexane	53.2		"	50.0		106	70-130				
Dibromochloromethane	47.7		"	50.0		95.4	10-200				
Dibromomethane	47.2		"	50.0		94.5	83-124				
Dichlorodifluoromethane	82.1		"	50.0		164	28-158	High Bias			
Ethyl Benzene	48.5		"	50.0		97.0	84-125				
Hexachlorobutadiene	48.7		"	50.0		97.4	83-133				
Isopropylbenzene	47.3		"	50.0		94.6	81-127				
Methyl acetate	44.0		"	50.0		88.1	41-143				
Methyl tert-butyl ether (MTBE)	52.9		"	50.0		106	74-131				
Methylcyclohexane	50.6		"	50.0		101	70-130				
Methylene chloride	48.6		"	50.0		97.2	57-141				
n-Butylbenzene	51.2		"	50.0		102	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80490 - EPA 5035A											
LCS (BA80490-BS1)								Prepared & Analyzed: 01/15/2018			
n-Propylbenzene	48.4		ug/L	50.0		96.9	74-136				
o-Xylene	48.1		"	50.0		96.2	83-123				
p- & m- Xylenes	95.1		"	100		95.1	82-128				
p-Isopropyltoluene	49.8		"	50.0		99.5	85-125				
sec-Butylbenzene	50.4		"	50.0		101	83-125				
Styrene	46.6		"	50.0		93.2	86-126				
tert-Butyl alcohol (TBA)	257		"	250		103	70-130				
tert-Butylbenzene	47.9		"	50.0		95.9	80-127				
Tetrachloroethylene	44.9		"	50.0		89.8	80-129				
Toluene	47.2		"	50.0		94.4	85-121				
trans-1,2-Dichloroethylene	49.5		"	50.0		99.0	72-132				
trans-1,3-Dichloropropylene	46.6		"	50.0		93.1	78-132				
Trichloroethylene	48.8		"	50.0		97.6	84-123				
Trichlorofluoromethane	60.8		"	50.0		122	62-140				
Vinyl Chloride	62.6		"	50.0		125	52-130				
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.9*	*77-125*				
Surrogate: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BA80490-BSD1)								Prepared & Analyzed: 01/15/2018			
1,1,1,2-Tetrachloroethane	48.0		ug/L	50.0		96.1	75-129		0.208	30	
1,1,1-Trichloroethane	50.1		"	50.0		100	71-137		0.962	30	
1,1,2,2-Tetrachloroethane	48.1		"	50.0		96.3	79-129		1.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.9		"	50.0		106	58-146		0.189	30	
1,1,2-Trichloroethane	46.8		"	50.0		93.6	83-123		1.38	30	
1,1-Dichloroethane	50.0		"	50.0		100	75-130		0.379	30	
1,1-Dichloroethylene	49.5		"	50.0		99.0	64-137		0.604	30	
1,2,3-Trichlorobenzene	47.0		"	50.0		94.0	81-140		0.234	30	
1,2,3-Trichloropropane	47.9		"	50.0		95.7	81-126		0.0418	30	
1,2,4-Trichlorobenzene	48.0		"	50.0		96.0	80-141		2.16	30	
1,2,4-Trimethylbenzene	48.3		"	50.0		96.6	84-125		0.537	30	
1,2-Dibromo-3-chloropropane	51.6		"	50.0		103	74-142		1.37	30	
1,2-Dibromoethane	47.0		"	50.0		94.1	86-123		0.488	30	
1,2-Dichlorobenzene	46.9		"	50.0		93.7	85-122		2.22	30	
1,2-Dichloroethane	50.0		"	50.0		100	71-133		1.02	30	
1,2-Dichloropropane	47.2		"	50.0		94.4	81-122		0.781	30	
1,3,5-Trimethylbenzene	48.1		"	50.0		96.3	82-126		0.889	30	
1,3-Dichlorobenzene	47.2		"	50.0		94.3	84-124		0.719	30	
1,4-Dichlorobenzene	46.3		"	50.0		92.5	84-124		3.55	30	
1,4-Dioxane	1060		"	1050		101	10-228		0.658	30	
2-Butanone	50.6		"	50.0		101	58-147		1.78	30	
2-Hexanone	47.0		"	50.0		94.0	70-139		0.919	30	
4-Methyl-2-pentanone	48.9		"	50.0		97.8	72-132		2.44	30	
Acetone	34.0		"	50.0		68.0	36-155		27.9	30	
Acrolein	39.0		"	500		7.80	10-238	Low Bias	0.283	30	
Acrylonitrile	50.8		"	50.0		102	66-141		0.831	30	
Benzene	50.2		"	50.0		100	77-127		0.680	30	
Bromochloromethane	49.6		"	50.0		99.2	74-129		0.763	30	
Bromodichloromethane	45.8		"	50.0		91.6	81-124		0.00	30	
Bromoform	46.8		"	50.0		93.5	80-136		1.64	30	
Bromomethane	53.1		"	50.0		106	32-177		0.732	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80490 - EPA 5035A											
LCS Dup (BA80490-BSD1)								Prepared & Analyzed: 01/15/2018			
Carbon disulfide	56.1		ug/L	50.0		112	10-136		0.178	30	
Carbon tetrachloride	50.6		"	50.0		101	66-143		0.611	30	
Chlorobenzene	47.3		"	50.0		94.6	86-120		0.401	30	
Chloroethane	61.7		"	50.0		123	51-142		1.08	30	
Chloroform	49.9		"	50.0		99.8	76-131		1.27	30	
Chloromethane	64.5		"	50.0		129	49-132		0.310	30	
cis-1,2-Dichloroethylene	49.7		"	50.0		99.3	74-132		0.522	30	
cis-1,3-Dichloropropylene	47.2		"	50.0		94.4	81-129		0.255	30	
Cyclohexane	53.5		"	50.0		107	70-130		0.619	30	
Dibromochloromethane	47.5		"	50.0		95.0	10-200		0.441	30	
Dibromomethane	46.8		"	50.0		93.6	83-124		0.936	30	
Dichlorodifluoromethane	82.2		"	50.0		164	28-158	High Bias	0.146	30	
Ethyl Benzene	47.7		"	50.0		95.4	84-125		1.66	30	
Hexachlorobutadiene	47.5		"	50.0		95.0	83-133		2.43	30	
Isopropylbenzene	47.3		"	50.0		94.6	81-127		0.0423	30	
Methyl acetate	42.6		"	50.0		85.3	41-143		3.23	30	
Methyl tert-butyl ether (MTBE)	53.7		"	50.0		107	74-131		1.56	30	
Methylcyclohexane	50.2		"	50.0		100	70-130		0.675	30	
Methylene chloride	49.2		"	50.0		98.4	57-141		1.29	30	
n-Butylbenzene	50.2		"	50.0		100	80-130		2.11	30	
n-Propylbenzene	48.2		"	50.0		96.4	74-136		0.497	30	
o-Xylene	47.2		"	50.0		94.5	83-123		1.74	30	
p- & m- Xylenes	94.7		"	100		94.7	82-128		0.474	30	
p-Isopropyltoluene	48.6		"	50.0		97.2	85-125		2.38	30	
sec-Butylbenzene	50.4		"	50.0		101	83-125		0.0198	30	
Styrene	45.7		"	50.0		91.4	86-126		1.93	30	
tert-Butyl alcohol (TBA)	269		"	250		108	70-130		4.64	30	
tert-Butylbenzene	47.6		"	50.0		95.1	80-127		0.817	30	
Tetrachloroethylene	45.0		"	50.0		90.1	80-129		0.356	30	
Toluene	47.0		"	50.0		94.1	85-121		0.297	30	
trans-1,2-Dichloroethylene	50.3		"	50.0		101	72-132		1.70	30	
trans-1,3-Dichloropropylene	46.4		"	50.0		92.9	78-132		0.237	30	
Trichloroethylene	47.7		"	50.0		95.3	84-123		2.30	30	
Trichlorofluoromethane	61.9		"	50.0		124	62-140		1.74	30	
Vinyl Chloride	62.9		"	50.0		126	52-130		0.606	30	
Surrogate: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.1*	*77-125*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*99.9*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80935 - EPA 5035A											
Blank (BA80935-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Prepared & Analyzed: 01/24/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80935 - EPA 5035A											
Blank (BA80935-BLK1)									Prepared & Analyzed: 01/24/2018		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*46.3*		*ug/L*	*50.0*		*92.5*	*77-125*				
Surrogate: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*76-130*				
Blank (BA80935-BLK2)									Prepared & Analyzed: 01/24/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80935 - EPA 5035A											
Blank (BA80935-BLK2)											
Prepared & Analyzed: 01/24/2018											
Bromodichloromethane	ND	0.50	mg/kg wet								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*46.7*		*ug/L*	*50.0*		*93.4*	*77-125*				
Surrogate: Toluene-d8	*46.5*		*"*	*50.0*		*93.0*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80935 - EPA 5035A											
LCS (BA80935-BS1)								Prepared & Analyzed: 01/24/2018			
1,1,1,2-Tetrachloroethane	47.9		ug/L	50.0		95.8	75-129				
1,1,1-Trichloroethane	52.8		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	48.2		"	50.0		96.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.4		"	50.0		111	58-146				
1,1,2-Trichloroethane	48.2		"	50.0		96.4	83-123				
1,1-Dichloroethane	55.2		"	50.0		110	75-130				
1,1-Dichloroethylene	53.5		"	50.0		107	64-137				
1,2,3-Trichlorobenzene	46.6		"	50.0		93.1	81-140				
1,2,3-Trichloropropane	47.4		"	50.0		94.7	81-126				
1,2,4-Trichlorobenzene	47.0		"	50.0		93.9	80-141				
1,2,4-Trimethylbenzene	48.9		"	50.0		97.7	84-125				
1,2-Dibromo-3-chloropropane	49.8		"	50.0		99.7	74-142				
1,2-Dibromoethane	48.4		"	50.0		96.8	86-123				
1,2-Dichlorobenzene	48.0		"	50.0		96.1	85-122				
1,2-Dichloroethane	53.3		"	50.0		107	71-133				
1,2-Dichloropropane	49.9		"	50.0		99.9	81-122				
1,3,5-Trimethylbenzene	48.2		"	50.0		96.5	82-126				
1,3-Dichlorobenzene	47.3		"	50.0		94.7	84-124				
1,4-Dichlorobenzene	47.5		"	50.0		95.1	84-124				
1,4-Dioxane	1200		"	1050		115	10-228				
2-Butanone	51.1		"	50.0		102	58-147				
2-Hexanone	44.2		"	50.0		88.4	70-139				
4-Methyl-2-pentanone	45.9		"	50.0		91.8	72-132				
Acetone	41.4		"	50.0		82.8	36-155				
Acrolein	25.5		"	50.0		51.1	10-238				
Acrylonitrile	56.3		"	50.0		113	66-141				
Benzene	54.5		"	50.0		109	77-127				
Bromochloromethane	54.6		"	50.0		109	74-129				
Bromodichloromethane	46.6		"	50.0		93.2	81-124				
Bromoform	43.2		"	50.0		86.4	80-136				
Bromomethane	57.0		"	50.0		114	32-177				
Carbon disulfide	57.1		"	50.0		114	10-136				
Carbon tetrachloride	53.0		"	50.0		106	66-143				
Chlorobenzene	49.5		"	50.0		99.0	86-120				
Chloroethane	64.5		"	50.0		129	51-142				
Chloroform	53.4		"	50.0		107	76-131				
Chloromethane	66.7		"	50.0		133	49-132	High Bias			
cis-1,2-Dichloroethylene	54.0		"	50.0		108	74-132				
cis-1,3-Dichloropropylene	48.8		"	50.0		97.6	81-129				
Cyclohexane	54.9		"	50.0		110	70-130				
Dibromochloromethane	48.1		"	50.0		96.1	10-200				
Dibromomethane	48.1		"	50.0		96.2	83-124				
Dichlorodifluoromethane	72.0		"	50.0		144	28-158				
Ethyl Benzene	49.6		"	50.0		99.1	84-125				
Hexachlorobutadiene	48.4		"	50.0		96.8	83-133				
Isopropylbenzene	47.9		"	50.0		95.9	81-127				
Methyl acetate	42.6		"	50.0		85.1	41-143				
Methyl tert-butyl ether (MTBE)	52.9		"	50.0		106	74-131				
Methylcyclohexane	49.5		"	50.0		99.0	70-130				
Methylene chloride	55.5		"	50.0		111	57-141				
n-Butylbenzene	49.9		"	50.0		99.9	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80935 - EPA 5035A											
LCS (BA80935-BS1)								Prepared & Analyzed: 01/24/2018			
n-Propylbenzene	48.9		ug/L	50.0		97.8	74-136				
o-Xylene	50.0		"	50.0		100	83-123				
p- & m- Xylenes	99.8		"	100		99.8	82-128				
p-Isopropyltoluene	49.3		"	50.0		98.5	85-125				
sec-Butylbenzene	50.9		"	50.0		102	83-125				
Styrene	47.7		"	50.0		95.3	86-126				
tert-Butyl alcohol (TBA)	240		"	250		95.8	70-130				
tert-Butylbenzene	47.8		"	50.0		95.7	80-127				
Tetrachloroethylene	46.8		"	50.0		93.6	80-129				
Toluene	49.8		"	50.0		99.6	85-121				
trans-1,2-Dichloroethylene	54.7		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	47.7		"	50.0		95.4	78-132				
Trichloroethylene	49.4		"	50.0		98.7	84-123				
Trichlorofluoromethane	62.3		"	50.0		125	62-140				
Vinyl Chloride	63.4		"	50.0		127	52-130				
Surrogate: 1,2-Dichloroethane-d4	*47.6*		*"*	*50.0*		*95.1*	*77-125*				
Surrogate: Toluene-d8	*46.4*		*"*	*50.0*		*92.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.7*	*76-130*				
LCS Dup (BA80935-BSD1)								Prepared & Analyzed: 01/24/2018			
1,1,1,2-Tetrachloroethane	48.8		ug/L	50.0		97.6	75-129		1.84	30	
1,1,1-Trichloroethane	52.4		"	50.0		105	71-137		0.837	30	
1,1,2,2-Tetrachloroethane	49.7		"	50.0		99.4	79-129		2.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.6		"	50.0		113	58-146		2.16	30	
1,1,2-Trichloroethane	48.4		"	50.0		96.8	83-123		0.455	30	
1,1-Dichloroethane	55.1		"	50.0		110	75-130		0.0907	30	
1,1-Dichloroethylene	54.0		"	50.0		108	64-137		0.874	30	
1,2,3-Trichlorobenzene	45.1		"	50.0		90.1	81-140		3.23	30	
1,2,3-Trichloropropane	48.6		"	50.0		97.2	81-126		2.52	30	
1,2,4-Trichlorobenzene	45.2		"	50.0		90.4	80-141		3.80	30	
1,2,4-Trimethylbenzene	48.1		"	50.0		96.2	84-125		1.55	30	
1,2-Dibromo-3-chloropropane	49.0		"	50.0		98.0	74-142		1.66	30	
1,2-Dibromoethane	48.5		"	50.0		97.0	86-123		0.165	30	
1,2-Dichlorobenzene	48.2		"	50.0		96.5	85-122		0.395	30	
1,2-Dichloroethane	52.7		"	50.0		105	71-133		1.15	30	
1,2-Dichloropropane	50.8		"	50.0		102	81-122		1.83	30	
1,3,5-Trimethylbenzene	48.7		"	50.0		97.4	82-126		0.928	30	
1,3-Dichlorobenzene	47.3		"	50.0		94.6	84-124		0.0845	30	
1,4-Dichlorobenzene	46.6		"	50.0		93.2	84-124		2.02	30	
1,4-Dioxane	1100		"	1050		105	10-228		8.61	30	
2-Butanone	50.6		"	50.0		101	58-147		0.944	30	
2-Hexanone	45.0		"	50.0		89.9	70-139		1.66	30	
4-Methyl-2-pentanone	46.6		"	50.0		93.3	72-132		1.56	30	
Acetone	44.2		"	50.0		88.3	36-155		6.48	30	
Acrolein	25.8		"	50.0		51.5	10-238		0.936	30	
Acrylonitrile	55.2		"	50.0		110	66-141		2.08	30	
Benzene	54.5		"	50.0		109	77-127		0.0367	30	
Bromochloromethane	53.7		"	50.0		107	74-129		1.68	30	
Bromodichloromethane	46.6		"	50.0		93.3	81-124		0.107	30	
Bromoform	44.1		"	50.0		88.1	80-136		2.02	30	
Bromomethane	54.4		"	50.0		109	32-177		4.70	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80935 - EPA 5035A											
LCS Dup (BA80935-BSD1)								Prepared & Analyzed: 01/24/2018			
Carbon disulfide	59.6		ug/L	50.0		119	10-136		4.25	30	
Carbon tetrachloride	52.6		"	50.0		105	66-143		0.834	30	
Chlorobenzene	49.7		"	50.0		99.5	86-120		0.423	30	
Chloroethane	64.2		"	50.0		128	51-142		0.451	30	
Chloroform	53.1		"	50.0		106	76-131		0.582	30	
Chloromethane	64.3		"	50.0		129	49-132		3.59	30	
cis-1,2-Dichloroethylene	53.6		"	50.0		107	74-132		0.651	30	
cis-1,3-Dichloropropylene	49.4		"	50.0		98.7	81-129		1.18	30	
Cyclohexane	54.6		"	50.0		109	70-130		0.621	30	
Dibromochloromethane	47.6		"	50.0		95.3	10-200		0.899	30	
Dibromomethane	48.3		"	50.0		96.6	83-124		0.456	30	
Dichlorodifluoromethane	70.0		"	50.0		140	28-158		2.73	30	
Ethyl Benzene	50.6		"	50.0		101	84-125		2.16	30	
Hexachlorobutadiene	47.1		"	50.0		94.3	83-133		2.66	30	
Isopropylbenzene	48.5		"	50.0		97.1	81-127		1.26	30	
Methyl acetate	41.9		"	50.0		83.8	41-143		1.54	30	
Methyl tert-butyl ether (MTBE)	53.2		"	50.0		106	74-131		0.622	30	
Methylcyclohexane	50.3		"	50.0		101	70-130		1.56	30	
Methylene chloride	55.0		"	50.0		110	57-141		0.887	30	
n-Butylbenzene	50.2		"	50.0		100	80-130		0.499	30	
n-Propylbenzene	49.6		"	50.0		99.3	74-136		1.54	30	
o-Xylene	49.8		"	50.0		99.5	83-123		0.481	30	
p- & m- Xylenes	98.4		"	100		98.4	82-128		1.39	30	
p-Isopropyltoluene	49.7		"	50.0		99.4	85-125		0.869	30	
sec-Butylbenzene	51.6		"	50.0		103	83-125		1.31	30	
Styrene	47.3		"	50.0		94.6	86-126		0.737	30	
tert-Butyl alcohol (TBA)	252		"	250		101	70-130		4.84	30	
tert-Butylbenzene	49.0		"	50.0		98.0	80-127		2.42	30	
Tetrachloroethylene	46.7		"	50.0		93.4	80-129		0.214	30	
Toluene	49.4		"	50.0		98.7	85-121		0.948	30	
trans-1,2-Dichloroethylene	54.5		"	50.0		109	72-132		0.330	30	
trans-1,3-Dichloropropylene	47.1		"	50.0		94.3	78-132		1.22	30	
Trichloroethylene	50.1		"	50.0		100	84-123		1.49	30	
Trichlorofluoromethane	62.8		"	50.0		126	62-140		0.784	30	
Vinyl Chloride	62.9		"	50.0		126	52-130		0.871	30	
Surrogate: 1,2-Dichloroethane-d4	*47.3*		*"*	*50.0*		*94.5*	*77-125*				
Surrogate: Toluene-d8	*47.0*		*"*	*50.0*		*94.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Blank (BA80439-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared & Analyzed: 01/12/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Blank (BA80439-BLK1)											Prepared & Analyzed: 01/12/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.48*		"	*2.52*		*98.5*	*20-108*				
Surrogate: Phenol-d5	*2.68*		"	*2.55*		*105*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.02*		"	*1.69*		*120*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.84*		"	*1.83*		*101*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.91*		"	*2.53*		*115*	*19-110*				
Surrogate: Terphenyl-d14	*1.57*		"	*1.77*		*88.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

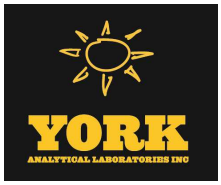
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
LCS (BA80439-BS1)							Prepared & Analyzed: 01/12/2018				
1,1-Biphenyl	0.794	0.0417	mg/kg wet	0.833		95.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.981	0.0833	"	0.833		118	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.727	0.0417	"	0.833		87.2	17-137				
2,3,4,6-Tetrachlorophenol	0.943	0.0833	"	0.833		113	30-130				
2,4,5-Trichlorophenol	0.876	0.0417	"	0.833		105	27-118				
2,4,6-Trichlorophenol	0.869	0.0417	"	0.833		104	31-120				
2,4-Dichlorophenol	0.905	0.0417	"	0.833		109	20-127				
2,4-Dimethylphenol	0.966	0.0417	"	0.833		116	14-132				
2,4-Dinitrophenol	0.882	0.0833	"	0.833		106	10-171				
2,4-Dinitrotoluene	0.819	0.0417	"	0.833		98.3	34-131				
2,6-Dinitrotoluene	0.851	0.0417	"	0.833		102	31-128				
2-Chloronaphthalene	0.682	0.0417	"	0.833		81.8	31-117				
2-Chlorophenol	0.776	0.0417	"	0.833		93.2	33-113				
2-Methylnaphthalene	0.924	0.0417	"	0.833		111	12-138				
2-Methylphenol	0.776	0.0417	"	0.833		93.2	10-136				
2-Nitroaniline	0.934	0.0833	"	0.833		112	27-132				
2-Nitrophenol	0.932	0.0417	"	0.833		112	17-129				
3- & 4-Methylphenols	0.702	0.0417	"	0.833		84.3	29-103				
3,3-Dichlorobenzidine	0.818	0.0417	"	0.833		98.2	22-149				
3-Nitroaniline	0.805	0.0833	"	0.833		96.6	20-133				
4,6-Dinitro-2-methylphenol	0.858	0.0833	"	0.833		103	10-143				
4-Bromophenyl phenyl ether	0.799	0.0417	"	0.833		95.9	29-120				
4-Chloro-3-methylphenol	0.967	0.0417	"	0.833		116	24-129				
4-Chloroaniline	0.678	0.0417	"	0.833		81.3	10-132				
4-Chlorophenyl phenyl ether	0.864	0.0417	"	0.833		104	27-124				
4-Nitroaniline	0.922	0.0833	"	0.833		111	16-128				
4-Nitrophenol	1.04	0.0833	"	0.833		125	10-141				
Acenaphthene	0.884	0.0417	"	0.833		106	30-121				
Acenaphthylene	0.809	0.0417	"	0.833		97.0	30-115				
Acetophenone	0.749	0.0417	"	0.833		89.9	20-112				
Aniline	0.565	0.167	"	0.833		67.8	10-119				
Anthracene	0.909	0.0417	"	0.833		109	34-118				
Atrazine	0.837	0.0417	"	0.833		100	26-112				
Benzaldehyde	0.791	0.0417	"	0.833		94.9	21-100				
Benzo(a)anthracene	1.02	0.0417	"	0.833		122	32-122				
Benzo(a)pyrene	1.01	0.0417	"	0.833		122	29-133				
Benzo(b)fluoranthene	0.924	0.0417	"	0.833		111	25-133				
Benzo(g,h,i)perylene	0.977	0.0417	"	0.833		117	10-143				
Benzo(k)fluoranthene	0.960	0.0417	"	0.833		115	25-128				
Benzoic acid	0.839	0.0417	"	0.967		86.8	10-140				
Benzyl alcohol	0.752	0.0417	"	0.833		90.3	30-115				
Benzyl butyl phthalate	1.11	0.0417	"	0.833		133	26-126	High Bias			
Bis(2-chloroethoxy)methane	0.962	0.0417	"	0.833		115	19-132				
Bis(2-chloroethyl)ether	0.748	0.0417	"	0.833		89.7	19-125				
Bis(2-chloroisopropyl)ether	0.876	0.0417	"	0.833		105	20-135				
Bis(2-ethylhexyl)phthalate	1.07	0.0417	"	0.833		129	10-155				
Caprolactam	0.841	0.0833	"	0.833		101	10-127				
Carbazole	0.779	0.0417	"	0.833		93.5	35-123				
Chrysene	0.917	0.0417	"	0.833		110	32-123				
Dibenzo(a,h)anthracene	0.966	0.0417	"	0.833		116	10-136				
Dibenzofuran	0.840	0.0417	"	0.833		101	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
LCS (BA80439-BS1)									Prepared & Analyzed: 01/12/2018		
Diethyl phthalate	0.863	0.0417	mg/kg wet	0.833		104	34-116				
Dimethyl phthalate	0.839	0.0417	"	0.833		101	35-124				
Di-n-butyl phthalate	0.899	0.0417	"	0.833		108	31-116				
Di-n-octyl phthalate	1.03	0.0417	"	0.833		124	26-136				
Diphenylamine	0.970	0.0833	"	0.833		116	40-140				
Fluoranthene	0.920	0.0417	"	0.833		110	33-122				
Fluorene	0.895	0.0417	"	0.833		107	29-123				
Hexachlorobenzene	0.686	0.0417	"	0.833		82.3	21-124				
Hexachlorobutadiene	0.683	0.0417	"	0.833		82.0	10-149				
Hexachlorocyclopentadiene	0.695	0.0417	"	0.833		83.4	10-129				
Hexachloroethane	0.583	0.0417	"	0.833		69.9	28-108				
Indeno(1,2,3-cd)pyrene	0.971	0.0417	"	0.833		117	10-135				
Isophorone	0.783	0.0417	"	0.833		93.9	20-132				
Naphthalene	0.887	0.0417	"	0.833		106	23-124				
Nitrobenzene	0.760	0.0417	"	0.833		91.2	13-132				
N-Nitrosodimethylamine	0.735	0.0417	"	0.833		88.2	11-129				
N-nitroso-di-n-propylamine	0.718	0.0417	"	0.833		86.2	24-119				
N-Nitrosodiphenylamine	1.00	0.0417	"	0.833		120	22-152				
Pentachlorophenol	0.979	0.0417	"	0.833		118	10-139				
Phenanthrene	0.928	0.0417	"	0.833		111	33-123				
Phenol	0.802	0.0417	"	0.833		96.3	23-115				
Pyrene	1.03	0.0417	"	0.833		124	32-130				
Pyridine	0.582	0.167	"	0.833		69.9	10-91				
Surrogate: 2-Fluorophenol	*2.25*		"	*2.52*		*89.4*	*20-108*				
Surrogate: Phenol-d5	*2.43*		"	*2.55*		*95.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.84*		"	*1.69*		*109*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.63*		"	*1.83*		*89.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.75*		"	*2.53*		*108*	*19-110*				
Surrogate: Terphenyl-d14	*1.41*		"	*1.77*		*80.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Matrix Spike (BA80439-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
1,1-Biphenyl	0.725	0.0923	mg/kg dry	0.922	ND	78.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.980	0.184	"	0.922	ND	106	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.617	0.0923	"	0.922	ND	66.9	10-144				
2,3,4,6-Tetrachlorophenol	0.708	0.184	"	0.922	ND	76.8	30-130				
2,4,5-Trichlorophenol	0.830	0.0923	"	0.922	ND	90.0	10-127				
2,4,6-Trichlorophenol	0.857	0.0923	"	0.922	ND	93.0	10-132				
2,4-Dichlorophenol	0.871	0.0923	"	0.922	ND	94.4	10-128				
2,4-Dimethylphenol	0.913	0.0923	"	0.922	ND	99.0	10-137				
2,4-Dinitrophenol	0.701	0.184	"	0.922	ND	76.0	10-171				
2,4-Dinitrotoluene	0.652	0.0923	"	0.922	ND	70.7	16-135				
2,6-Dinitrotoluene	0.707	0.0923	"	0.922	ND	76.6	18-131				
2-Chloronaphthalene	0.659	0.0923	"	0.922	ND	71.4	10-129				
2-Chlorophenol	0.753	0.0923	"	0.922	ND	81.7	15-116				
2-Methylnaphthalene	0.824	0.0923	"	0.922	ND	89.4	10-147				
2-Methylphenol	0.752	0.0923	"	0.922	ND	81.6	10-136				
2-Nitroaniline	0.842	0.184	"	0.922	ND	91.4	10-137				
2-Nitrophenol	0.860	0.0923	"	0.922	ND	93.3	10-129				
3- & 4-Methylphenols	0.678	0.0923	"	0.922	ND	73.5	10-123				
3,3-Dichlorobenzidine	0.680	0.0923	"	0.922	ND	73.8	10-155				
3-Nitroaniline	0.661	0.184	"	0.922	ND	71.7	12-133				
4,6-Dinitro-2-methylphenol	0.589	0.184	"	0.922	ND	63.8	10-155				
4-Bromophenyl phenyl ether	0.611	0.0923	"	0.922	ND	66.2	14-128				
4-Chloro-3-methylphenol	0.831	0.0923	"	0.922	ND	90.2	10-134				
4-Chloroaniline	0.623	0.0923	"	0.922	ND	67.6	10-145				
4-Chlorophenyl phenyl ether	0.657	0.0923	"	0.922	ND	71.2	14-130				
4-Nitroaniline	0.640	0.184	"	0.922	ND	69.4	10-147				
4-Nitrophenol	0.812	0.184	"	0.922	ND	88.1	10-137				
Acenaphthene	0.761	0.0923	"	0.922	ND	82.6	10-146				
Acenaphthylene	0.713	0.0923	"	0.922	ND	77.3	10-134				
Acetophenone	0.717	0.0923	"	0.922	ND	77.8	10-116				
Aniline	0.530	0.370	"	0.922	ND	57.4	10-123				
Anthracene	0.825	0.0923	"	0.922	ND	89.4	10-142				
Atrazine	0.577	0.0923	"	0.922	ND	62.6	19-115				
Benzaldehyde	0.742	0.0923	"	0.922	ND	80.5	10-125				
Benzo(a)anthracene	0.927	0.0923	"	0.922	0.0713	92.8	10-158				
Benzo(a)pyrene	0.889	0.0923	"	0.922	0.0713	88.7	10-180				
Benzo(b)fluoranthene	0.851	0.0923	"	0.922	0.0529	86.6	10-200				
Benzo(g,h,i)perylene	0.868	0.0923	"	0.922	0.0463	89.1	10-138				
Benzo(k)fluoranthene	0.854	0.0923	"	0.922	0.0493	87.2	10-197				
Benzoic acid	0.529	0.0923	"	1.07	ND	49.4	10-166				
Benzyl alcohol	0.741	0.0923	"	0.922	ND	80.4	12-124				
Benzyl butyl phthalate	0.948	0.0923	"	0.922	ND	103	10-154				
Bis(2-chloroethoxy)methane	0.882	0.0923	"	0.922	ND	95.6	10-132				
Bis(2-chloroethyl)ether	0.687	0.0923	"	0.922	ND	74.5	10-119				
Bis(2-chloroisopropyl)ether	0.849	0.0923	"	0.922	ND	92.1	10-139				
Bis(2-ethylhexyl)phthalate	0.959	0.0923	"	0.922	ND	104	10-167				
Caprolactam	0.772	0.184	"	0.922	ND	83.8	10-132				
Carbazole	0.685	0.0923	"	0.922	ND	74.2	10-167				
Chrysene	0.844	0.0923	"	0.922	0.0647	84.5	10-156				
Dibenzo(a,h)anthracene	0.778	0.0923	"	0.922	ND	84.4	10-137				
Dibenzofuran	0.687	0.0923	"	0.922	ND	74.5	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Matrix Spike (BA80439-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)						Prepared & Analyzed: 01/12/2018				
Diethyl phthalate	0.647	0.0923	mg/kg dry	0.922	ND	70.2	20-120				
Dimethyl phthalate	0.709	0.0923	"	0.922	ND	76.9	18-131				
Di-n-butyl phthalate	0.802	0.0923	"	0.922	ND	87.0	10-137				
Di-n-octyl phthalate	0.930	0.0923	"	0.922	ND	101	10-180				
Diphenylamine	0.742	0.184	"	0.922	ND	80.5	40-140				
Fluoranthene	0.907	0.0923	"	0.922	0.127	84.6	10-160				
Fluorene	0.689	0.0923	"	0.922	ND	74.7	10-157				
Hexachlorobenzene	0.519	0.0923	"	0.922	ND	56.2	10-137				
Hexachlorobutadiene	0.605	0.0923	"	0.922	ND	65.6	10-132				
Hexachlorocyclopentadiene	0.598	0.0923	"	0.922	ND	64.8	10-106				
Hexachloroethane	0.522	0.0923	"	0.922	ND	56.6	10-110				
Indeno(1,2,3-cd)pyrene	0.834	0.0923	"	0.922	ND	90.5	10-144				
Isophorone	0.733	0.0923	"	0.922	ND	79.5	10-132				
Naphthalene	0.835	0.0923	"	0.922	ND	90.6	10-141				
Nitrobenzene	0.696	0.0923	"	0.922	ND	75.4	10-131				
N-Nitrosodimethylamine	0.611	0.0923	"	0.922	ND	66.2	10-126				
N-nitroso-di-n-propylamine	0.702	0.0923	"	0.922	ND	76.1	10-125				
N-Nitrosodiphenylamine	0.783	0.0923	"	0.922	ND	85.0	10-177				
Pentachlorophenol	0.730	0.0923	"	0.922	ND	79.2	10-153				
Phenanthrene	0.951	0.0923	"	0.922	0.115	90.7	10-148				
Phenol	0.722	0.0923	"	0.922	ND	78.2	10-126				
Pyrene	1.04	0.0923	"	0.922	0.155	96.5	10-165				
Pyridine	0.426	0.370	"	0.922	ND	46.2	10-83				
Surrogate: 2-Fluorophenol	*1.91*		"	*2.78*		*68.6*	*20-108*				
Surrogate: Phenol-d5	*2.21*		"	*2.82*		*78.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.61*		"	*1.87*		*86.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.48*		"	*2.02*		*73.4*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.97*		"	*2.80*		*70.2*	*19-110*				
Surrogate: Terphenyl-d14	*1.16*		"	*1.95*		*59.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

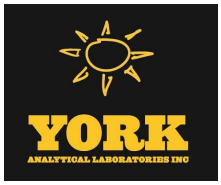
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Matrix Spike Dup (BA80439-MSD1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
1,1-Biphenyl	0.810	0.0920	mg/kg dry	0.919	ND	88.1	10-130		11.0	30	
1,2,4,5-Tetrachlorobenzene	1.06	0.184	"	0.919	ND	115	10-133		7.82	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.705	0.0920	"	0.919	ND	76.7	10-144		13.4	30	
2,3,4,6-Tetrachlorophenol	0.736	0.184	"	0.919	ND	80.1	30-130		3.85	30	
2,4,5-Trichlorophenol	0.952	0.0920	"	0.919	ND	104	10-127		13.7	30	
2,4,6-Trichlorophenol	0.895	0.0920	"	0.919	ND	97.4	10-132		4.29	30	
2,4-Dichlorophenol	0.990	0.0920	"	0.919	ND	108	10-128		12.8	30	
2,4-Dimethylphenol	0.985	0.0920	"	0.919	ND	107	10-137		7.51	30	
2,4-Dinitrophenol	0.703	0.184	"	0.919	ND	76.5	10-171		0.297	30	
2,4-Dinitrotoluene	0.722	0.0920	"	0.919	ND	78.6	16-135		10.2	30	
2,6-Dinitrotoluene	0.775	0.0920	"	0.919	ND	84.3	18-131		9.21	30	
2-Chloronaphthalene	0.710	0.0920	"	0.919	ND	77.3	10-129		7.52	30	
2-Chlorophenol	0.826	0.0920	"	0.919	ND	89.8	15-116		9.18	30	
2-Methylnaphthalene	0.955	0.0920	"	0.919	ND	104	10-147		14.7	30	
2-Methylphenol	0.816	0.0920	"	0.919	ND	88.8	10-136		8.12	30	
2-Nitroaniline	0.900	0.184	"	0.919	ND	97.9	10-137		6.60	30	
2-Nitrophenol	1.00	0.0920	"	0.919	ND	109	10-129		15.1	30	
3- & 4-Methylphenols	0.745	0.0920	"	0.919	ND	81.0	10-123		9.40	30	
3,3-Dichlorobenzidine	0.775	0.0920	"	0.919	ND	84.3	10-155		13.0	30	
3-Nitroaniline	0.792	0.184	"	0.919	ND	86.2	12-133		18.0	30	
4,6-Dinitro-2-methylphenol	0.756	0.184	"	0.919	ND	82.2	10-155		24.9	30	
4-Bromophenyl phenyl ether	0.657	0.0920	"	0.919	ND	71.4	14-128		7.22	30	
4-Chloro-3-methylphenol	0.962	0.0920	"	0.919	ND	105	10-134		14.5	30	
4-Chloroaniline	0.726	0.0920	"	0.919	ND	79.0	10-145		15.2	30	
4-Chlorophenyl phenyl ether	0.723	0.0920	"	0.919	ND	78.6	14-130		9.60	30	
4-Nitroaniline	0.673	0.184	"	0.919	ND	73.2	10-147		5.05	30	
4-Nitrophenol	0.918	0.184	"	0.919	ND	99.9	10-137		12.3	30	
Acenaphthene	0.880	0.0920	"	0.919	ND	95.8	10-146		14.5	30	
Acenaphthylene	0.775	0.0920	"	0.919	ND	84.3	10-134		8.38	30	
Acetophenone	0.776	0.0920	"	0.919	ND	84.5	10-116		7.95	30	
Aniline	0.563	0.368	"	0.919	ND	61.3	10-123		6.14	30	
Anthracene	0.917	0.0920	"	0.919	ND	99.8	10-142		10.6	30	
Atrazine	0.645	0.0920	"	0.919	ND	70.2	19-115		11.1	30	
Benzaldehyde	0.904	0.0920	"	0.919	ND	98.3	10-125		19.6	30	
Benzo(a)anthracene	1.03	0.0920	"	0.919	0.0713	104	10-158		10.1	30	
Benzo(a)pyrene	1.03	0.0920	"	0.919	0.0713	104	10-180		14.7	30	
Benzo(b)fluoranthene	0.946	0.0920	"	0.919	0.0529	97.1	10-200		10.5	30	
Benzo(g,h,i)perylene	1.01	0.0920	"	0.919	0.0463	105	10-138		15.0	30	
Benzo(k)fluoranthene	0.917	0.0920	"	0.919	0.0493	94.4	10-197		7.16	30	
Benzoic acid	0.544	0.0920	"	1.07	ND	51.0	10-166		2.82	30	
Benzyl alcohol	0.842	0.0920	"	0.919	ND	91.6	12-124		12.7	30	
Benzyl butyl phthalate	1.06	0.0920	"	0.919	ND	115	10-154		11.1	30	
Bis(2-chloroethoxy)methane	1.01	0.0920	"	0.919	ND	110	10-132		13.5	30	
Bis(2-chloroethyl)ether	0.784	0.0920	"	0.919	ND	85.3	10-119		13.2	30	
Bis(2-chloroisopropyl)ether	0.932	0.0920	"	0.919	ND	101	10-139		9.34	30	
Bis(2-ethylhexyl)phthalate	1.05	0.0920	"	0.919	ND	114	10-167		8.98	30	
Caprolactam	0.852	0.184	"	0.919	ND	92.7	10-132		9.82	30	
Carbazole	0.768	0.0920	"	0.919	ND	83.5	10-167		11.4	30	
Chrysene	0.957	0.0920	"	0.919	0.0647	97.1	10-156		12.6	30	
Dibenzo(a,h)anthracene	0.905	0.0920	"	0.919	ND	98.5	10-137		15.1	30	
Dibenzofuran	0.765	0.0920	"	0.919	ND	83.3	10-147		10.8	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Matrix Spike Dup (BA80439-MSD1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
Diethyl phthalate	0.707	0.0920	mg/kg dry	0.919	ND	76.9	20-120		8.81	30	
Dimethyl phthalate	0.797	0.0920	"	0.919	ND	86.7	18-131		11.7	30	
Di-n-butyl phthalate	0.880	0.0920	"	0.919	ND	95.8	10-137		9.30	30	
Di-n-octyl phthalate	1.02	0.0920	"	0.919	ND	111	10-180		9.05	30	
Diphenylamine	0.876	0.184	"	0.919	ND	95.3	40-140		16.5	30	
Fluoranthene	1.01	0.0920	"	0.919	0.127	96.2	10-160		10.9	30	
Fluorene	0.762	0.0920	"	0.919	ND	83.0	10-157		10.1	30	
Hexachlorobenzene	0.543	0.0920	"	0.919	ND	59.1	10-137		4.66	30	
Hexachlorobutadiene	0.667	0.0920	"	0.919	ND	72.6	10-132		9.74	30	
Hexachlorocyclopentadiene	0.640	0.0920	"	0.919	ND	69.6	10-106		6.81	30	
Hexachloroethane	0.560	0.0920	"	0.919	ND	61.0	10-110		7.01	30	
Indeno(1,2,3-cd)pyrene	0.913	0.0920	"	0.919	ND	99.4	10-144		9.02	30	
Isophorone	0.845	0.0920	"	0.919	ND	91.9	10-132		14.1	30	
Naphthalene	0.924	0.0920	"	0.919	ND	101	10-141		10.1	30	
Nitrobenzene	0.760	0.0920	"	0.919	ND	82.6	10-131		8.78	30	
N-Nitrosodimethylamine	0.656	0.0920	"	0.919	ND	71.4	10-126		7.11	30	
N-nitroso-di-n-propylamine	0.800	0.0920	"	0.919	ND	87.0	10-125		13.1	30	
N-Nitrosodiphenylamine	0.912	0.0920	"	0.919	ND	99.3	10-177		15.2	30	
Pentachlorophenol	0.792	0.0920	"	0.919	ND	86.2	10-153		8.09	30	
Phenanthrene	1.08	0.0920	"	0.919	0.115	105	10-148		12.3	30	
Phenol	0.812	0.0920	"	0.919	ND	88.3	10-126		11.8	30	
Pyrene	1.19	0.0920	"	0.919	0.155	112	10-165		12.7	30	
Pyridine	0.528	0.368	"	0.919	ND	57.4	10-83		21.3	30	
Surrogate: 2-Fluorophenol	*2.21*		"	*2.78*		*79.4*	*20-108*				
Surrogate: Phenol-d5	*2.41*		"	*2.81*		*85.8*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.81*		"	*1.86*		*97.3*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.66*		"	*2.01*		*82.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.23*		"	*2.79*		*79.8*	*19-110*				
Surrogate: Terphenyl-d14	*1.26*		"	*1.95*		*64.4*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

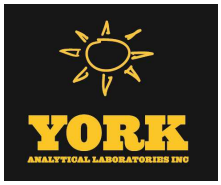
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.89*		"	*2.55*		*74.1*	*20-108*				
Surrogate: Phenol-d5	*2.10*		"	*2.59*		*81.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.64*		"	*1.81*		*90.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.30*		"	*1.76*		*74.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.24*		"	*2.59*		*86.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.11*		"	*1.69*		*66.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
LCS (BA80942-BS1)								Prepared: 01/24/2018 Analyzed: 01/25/2018			
1,1-Biphenyl	0.694	0.0417	mg/kg wet	0.833		83.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.761	0.0833	"	0.833		91.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.683	0.0417	"	0.833		81.9	17-137				
2,3,4,6-Tetrachlorophenol	0.644	0.0833	"	0.833		77.2	30-130				
2,4,5-Trichlorophenol	0.807	0.0417	"	0.833		96.8	27-118				
2,4,6-Trichlorophenol	0.770	0.0417	"	0.833		92.4	31-120				
2,4-Dichlorophenol	0.781	0.0417	"	0.833		93.8	20-127				
2,4-Dimethylphenol	0.778	0.0417	"	0.833		93.3	14-132				
2,4-Dinitrophenol	0.784	0.0833	"	0.833		94.1	10-171				
2,4-Dinitrotoluene	0.764	0.0417	"	0.833		91.6	34-131				
2,6-Dinitrotoluene	0.779	0.0417	"	0.833		93.5	31-128				
2-Chloronaphthalene	0.589	0.0417	"	0.833		70.6	31-117				
2-Chlorophenol	0.670	0.0417	"	0.833		80.4	33-113				
2-Methylnaphthalene	0.788	0.0417	"	0.833		94.6	12-138				
2-Methylphenol	0.751	0.0417	"	0.833		90.1	10-136				
2-Nitroaniline	0.817	0.0833	"	0.833		98.1	27-132				
2-Nitrophenol	0.844	0.0417	"	0.833		101	17-129				
3- & 4-Methylphenols	0.693	0.0417	"	0.833		83.1	29-103				
3,3-Dichlorobenzidine	0.663	0.0417	"	0.833		79.6	22-149				
3-Nitroaniline	0.528	0.0833	"	0.833		63.4	20-133				
4,6-Dinitro-2-methylphenol	0.850	0.0833	"	0.833		102	10-143				
4-Bromophenyl phenyl ether	0.735	0.0417	"	0.833		88.2	29-120				
4-Chloro-3-methylphenol	0.899	0.0417	"	0.833		108	24-129				
4-Chloroaniline	0.473	0.0417	"	0.833		56.8	10-132				
4-Chlorophenyl phenyl ether	0.747	0.0417	"	0.833		89.6	27-124				
4-Nitroaniline	0.696	0.0833	"	0.833		83.5	16-128				
4-Nitrophenol	0.952	0.0833	"	0.833		114	10-141				
Acenaphthene	0.712	0.0417	"	0.833		85.4	30-121				
Acenaphthylene	0.660	0.0417	"	0.833		79.2	30-115				
Acetophenone	0.771	0.0417	"	0.833		92.6	20-112				
Aniline	0.563	0.167	"	0.833		67.5	10-119				
Anthracene	0.715	0.0417	"	0.833		85.8	34-118				
Atrazine	0.886	0.0417	"	0.833		106	26-112				
Benzaldehyde	0.720	0.0417	"	0.833		86.4	21-100				
Benzo(a)anthracene	0.842	0.0417	"	0.833		101	32-122				
Benzo(a)pyrene	0.820	0.0417	"	0.833		98.4	29-133				
Benzo(b)fluoranthene	0.757	0.0417	"	0.833		90.8	25-133				
Benzo(g,h,i)perylene	0.709	0.0417	"	0.833		85.1	10-143				
Benzo(k)fluoranthene	0.736	0.0417	"	0.833		88.4	25-128				
Benzoic acid	0.431	0.0417	"	0.967		44.6	10-140				
Benzyl alcohol	0.726	0.0417	"	0.833		87.2	30-115				
Benzyl butyl phthalate	0.884	0.0417	"	0.833		106	26-126				
Bis(2-chloroethoxy)methane	0.841	0.0417	"	0.833		101	19-132				
Bis(2-chloroethyl)ether	0.671	0.0417	"	0.833		80.6	19-125				
Bis(2-chloroisopropyl)ether	0.724	0.0417	"	0.833		86.8	20-135				
Bis(2-ethylhexyl)phthalate	0.884	0.0417	"	0.833		106	10-155				
Caprolactam	0.933	0.0833	"	0.833		112	10-127				
Carbazole	0.626	0.0417	"	0.833		75.1	35-123				
Chrysene	0.720	0.0417	"	0.833		86.4	32-123				
Dibenzo(a,h)anthracene	0.757	0.0417	"	0.833		90.8	10-136				
Dibenzofuran	0.728	0.0417	"	0.833		87.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
LCS (BA80942-BS1)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
Diethyl phthalate	0.728	0.0417	mg/kg wet	0.833		87.3	34-116				
Dimethyl phthalate	0.731	0.0417	"	0.833		87.7	35-124				
Di-n-butyl phthalate	0.753	0.0417	"	0.833		90.3	31-116				
Di-n-octyl phthalate	0.904	0.0417	"	0.833		108	26-136				
Diphenylamine	0.896	0.0833	"	0.833		108	40-140				
Fluoranthene	0.781	0.0417	"	0.833		93.8	33-122				
Fluorene	0.738	0.0417	"	0.833		88.6	29-123				
Hexachlorobenzene	0.576	0.0417	"	0.833		69.2	21-124				
Hexachlorobutadiene	0.644	0.0417	"	0.833		77.2	10-149				
Hexachlorocyclopentadiene	0.430	0.0417	"	0.833		51.6	10-129				
Hexachloroethane	0.573	0.0417	"	0.833		68.8	28-108				
Indeno(1,2,3-cd)pyrene	0.760	0.0417	"	0.833		91.2	10-135				
Isophorone	0.684	0.0417	"	0.833		82.1	20-132				
Naphthalene	0.742	0.0417	"	0.833		89.0	23-124				
Nitrobenzene	0.654	0.0417	"	0.833		78.5	13-132				
N-Nitrosodimethylamine	0.528	0.0417	"	0.833		63.3	11-129				
N-nitroso-di-n-propylamine	0.721	0.0417	"	0.833		86.6	24-119				
N-Nitrosodiphenylamine	0.917	0.0417	"	0.833		110	22-152				
Pentachlorophenol	0.481	0.0417	"	0.833		57.8	10-139				
Phenanthrene	0.745	0.0417	"	0.833		89.4	33-123				
Phenol	0.708	0.0417	"	0.833		85.0	23-115				
Pyrene	0.772	0.0417	"	0.833		92.7	32-130				
Pyridine	0.427	0.167	"	0.833		51.3	10-91				
Surrogate: 2-Fluorophenol	*1.95*		"	*2.55*		*76.7*	*20-108*				
Surrogate: Phenol-d5	*2.23*		"	*2.59*		*86.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.66*		"	*1.81*		*91.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.40*		"	*1.76*		*79.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.54*		"	*2.59*		*98.4*	*19-110*				
Surrogate: Terphenyl-d14	*1.20*		"	*1.69*		*71.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Blank (BA80439-BLK1)									Prepared & Analyzed: 01/12/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80438 - EPA 3550C											
Blank (BA80438-BLK1)								Prepared & Analyzed: 01/12/2018			
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0622*		*"*	*0.0667*		*93.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0538*		*"*	*0.0667*		*80.7*	*30-150*				
LCS (BA80438-BS1)								Prepared & Analyzed: 01/12/2018			
4,4'-DDD	0.0455	0.000330	mg/kg wet	0.0333		137	40-140				
4,4'-DDE	0.0447	0.000330	"	0.0333		134	40-140				
4,4'-DDT	0.0450	0.000330	"	0.0333		135	40-140				
Aldrin	0.0459	0.000330	"	0.0333		138	40-140				
alpha-BHC	0.0493	0.000330	"	0.0333		148	40-140	High Bias			
alpha-Chlordane	0.0446	0.000330	"	0.0333		134	40-140				
beta-BHC	0.0445	0.000330	"	0.0333		134	40-140				
delta-BHC	0.0519	0.000330	"	0.0333		156	40-140	High Bias			
Dieldrin	0.0464	0.000330	"	0.0333		139	40-140				
Endosulfan I	0.0456	0.000330	"	0.0333		137	40-140				
Endosulfan II	0.0466	0.000330	"	0.0333		140	40-140				
Endosulfan sulfate	0.0462	0.000330	"	0.0333		139	40-140				
Endrin	0.0458	0.000330	"	0.0333		137	40-140				
Endrin aldehyde	0.0468	0.000330	"	0.0333		140	40-140				
Endrin ketone	0.0463	0.000330	"	0.0333		139	40-140				
gamma-BHC (Lindane)	0.0464	0.000330	"	0.0333		139	40-140				
gamma-Chlordane	0.0456	0.000330	"	0.0333		137	40-140				
Heptachlor	0.0451	0.000330	"	0.0333		135	40-140				
Heptachlor epoxide	0.0454	0.000330	"	0.0333		136	40-140				
Methoxychlor	0.0420	0.00165	"	0.0333		126	40-140				
Surrogate: Decachlorobiphenyl	*0.0755*		*"*	*0.0667*		*113*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0757*		*"*	*0.0667*		*114*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80438 - EPA 3550C											
Matrix Spike (BA80438-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)								Prepared: 01/12/2018 Analyzed: 01/13/2018		
4,4'-DDD	0.0386	0.00183	mg/kg dry	0.0369	ND	105	30-150				
4,4'-DDE	0.0351	0.00183	"	0.0369	ND	95.1	30-150				
4,4'-DDT	0.0336	0.00183	"	0.0369	ND	91.0	30-150				
Aldrin	0.0409	0.00183	"	0.0369	ND	111	30-150				
alpha-BHC	0.0459	0.00183	"	0.0369	ND	124	30-150				
alpha-Chlordane	0.0397	0.00183	"	0.0369	ND	108	30-150				
beta-BHC	0.0447	0.00183	"	0.0369	ND	121	30-150				
delta-BHC	0.0433	0.00183	"	0.0369	ND	117	30-150				
Dieldrin	0.0394	0.00183	"	0.0369	ND	107	30-150				
Endosulfan I	0.0395	0.00183	"	0.0369	ND	107	30-150				
Endosulfan II	0.0390	0.00183	"	0.0369	ND	106	30-150				
Endosulfan sulfate	0.0394	0.00183	"	0.0369	ND	107	30-150				
Endrin	0.0393	0.00183	"	0.0369	ND	107	30-150				
Endrin aldehyde	0.0374	0.00183	"	0.0369	ND	101	30-150				
Endrin ketone	0.0446	0.00183	"	0.0369	ND	121	30-150				
gamma-BHC (Lindane)	0.0461	0.00183	"	0.0369	ND	125	30-150				
gamma-Chlordane	0.0380	0.00183	"	0.0369	ND	103	30-150				
Heptachlor	0.0417	0.00183	"	0.0369	ND	113	30-150				
Heptachlor epoxide	0.0426	0.00183	"	0.0369	ND	116	30-150				
Methoxychlor	0.0507	0.00913	"	0.0369	ND	138	30-150				
Surrogate: Decachlorobiphenyl	*0.0950*		*"*	*0.0738*		*129*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0825*		*"*	*0.0738*		*112*	*30-150*				
Matrix Spike Dup (BA80438-MSD1)	*Source sample: 18A0267-17 (SB106B_23-25)								Prepared: 01/12/2018 Analyzed: 01/13/2018		
4,4'-DDD	0.0488	0.00183	mg/kg dry	0.0369	ND	132	30-150		23.3	30	
4,4'-DDE	0.0449	0.00183	"	0.0369	ND	122	30-150		24.7	30	
4,4'-DDT	0.0431	0.00183	"	0.0369	ND	117	30-150		24.8	30	
Aldrin	0.0497	0.00183	"	0.0369	ND	135	30-150		19.4	30	
alpha-BHC	0.0513	0.00183	"	0.0369	ND	139	30-150		11.1	30	
alpha-Chlordane	0.0485	0.00183	"	0.0369	ND	132	30-150		19.9	30	
beta-BHC	0.0498	0.00183	"	0.0369	ND	135	30-150		10.9	30	
delta-BHC	0.0486	0.00183	"	0.0369	ND	132	30-150		11.6	30	
Dieldrin	0.0487	0.00183	"	0.0369	ND	132	30-150		21.0	30	
Endosulfan I	0.0478	0.00183	"	0.0369	ND	129	30-150		19.0	30	
Endosulfan II	0.0468	0.00183	"	0.0369	ND	127	30-150		18.1	30	
Endosulfan sulfate	0.0448	0.00183	"	0.0369	ND	121	30-150		12.6	30	
Endrin	0.0480	0.00183	"	0.0369	ND	130	30-150		19.9	30	
Endrin aldehyde	0.0418	0.00183	"	0.0369	ND	113	30-150		11.2	30	
Endrin ketone	0.0517	0.00183	"	0.0369	ND	140	30-150		14.8	30	
gamma-BHC (Lindane)	0.0517	0.00183	"	0.0369	ND	140	30-150		11.4	30	
gamma-Chlordane	0.0465	0.00183	"	0.0369	ND	126	30-150		20.2	30	
Heptachlor	0.0498	0.00183	"	0.0369	ND	135	30-150		17.8	30	
Heptachlor epoxide	0.0501	0.00183	"	0.0369	ND	136	30-150		16.2	30	
Methoxychlor	0.0472	0.00913	"	0.0369	ND	128	30-150		7.17	30	
Surrogate: Decachlorobiphenyl	*0.101*		*"*	*0.0738*		*137*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0833*		*"*	*0.0738*		*113*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80943 - EPA 3550C											
Blank (BA80943-BLK1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0673*		*"*	*0.0667*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0667*		*83.5*	*30-150*				
LCS (BA80943-BS1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
4,4'-DDD	0.0286	0.000330	mg/kg wet	0.0333		85.9	40-140				
4,4'-DDE	0.0263	0.000330	"	0.0333		78.9	40-140				
4,4'-DDT	0.0285	0.000330	"	0.0333		85.4	40-140				
Aldrin	0.0288	0.000330	"	0.0333		86.4	40-140				
alpha-BHC	0.0296	0.000330	"	0.0333		88.7	40-140				
alpha-Chlordane	0.0281	0.000330	"	0.0333		84.2	40-140				
beta-BHC	0.0289	0.000330	"	0.0333		86.8	40-140				
delta-BHC	0.0310	0.000330	"	0.0333		93.0	40-140				
Dieldrin	0.0301	0.000330	"	0.0333		90.2	40-140				
Endosulfan I	0.0332	0.000330	"	0.0333		99.6	40-140				
Endosulfan II	0.0309	0.000330	"	0.0333		92.7	40-140				
Endosulfan sulfate	0.0307	0.000330	"	0.0333		92.1	40-140				
Endrin	0.0278	0.000330	"	0.0333		83.5	40-140				
Endrin aldehyde	0.0292	0.000330	"	0.0333		87.5	40-140				
Endrin ketone	0.0325	0.000330	"	0.0333		97.6	40-140				
gamma-BHC (Lindane)	0.0287	0.000330	"	0.0333		86.1	40-140				
gamma-Chlordane	0.0279	0.000330	"	0.0333		83.7	40-140				
Heptachlor	0.0258	0.000330	"	0.0333		77.5	40-140				
Heptachlor epoxide	0.0273	0.000330	"	0.0333		81.9	40-140				
Methoxychlor	0.0246	0.00165	"	0.0333		73.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0508*		*"*	*0.0667*		*76.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0464*		*"*	*0.0667*		*69.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)										Prepared & Analyzed: 11/27/2017	
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8A1501 - BL70213											
Performance Mix (Y8A1501-PEM1)										Prepared & Analyzed: 01/12/2018	
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.542		"	0.00			0-200				
4,4'-DDT	124		"	200		61.9	0-200				
Endrin	94.9		"	100		94.9	0-200				
Endrin aldehyde	0.787		"	0.00			0-200				
Endrin ketone	5.20		"	0.00			0-200				
Performance Mix (Y8A1501-PEM2)										Prepared & Analyzed: 01/12/2018	
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.598		"	0.00			0-200				
4,4'-DDT	111		"	200		55.7	0-200				
Endrin	90.9		"	100		90.9	0-200				
Endrin aldehyde	0.756		"	0.00			0-200				
Endrin ketone	5.41		"	0.00			0-200				
Performance Mix (Y8A1501-PEM3)										Prepared & Analyzed: 01/12/2018	
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.609		"	0.00			0-200				
4,4'-DDT	119		"	200		59.4	0-200				
Endrin	96.4		"	100		96.4	0-200				
Endrin aldehyde	0.793		"	0.00			0-200				
Endrin ketone	4.39		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8A1601 - BL70213											
Performance Mix (Y8A1601-PEM1)								Prepared & Analyzed: 01/15/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.600		"	0.00			0-200				
4,4'-DDT	93.2		"	200		46.6	0-200				
Endrin	80.3		"	100		80.3	0-200				
Endrin aldehyde	0.801		"	0.00			0-200				
Endrin ketone	5.57		"	0.00			0-200				
Performance Mix (Y8A1601-PEM2)								Prepared & Analyzed: 01/15/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.498		"	0.00			0-200				
4,4'-DDT	101		"	200		50.5	0-200				
Endrin	68.9		"	100		68.9	0-200				
Endrin aldehyde	3.54		"	0.00			0-200				
Endrin ketone	5.99		"	0.00			0-200				
Batch Y8A2601 - BL70213											
Performance Mix (Y8A2601-PEM1)								Prepared & Analyzed: 01/25/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.769		"	0.00			0-200				
4,4'-DDT	118		"	200		59.2	0-200				
Endrin	96.8		"	100		96.8	0-200				
Endrin aldehyde	1.78		"	0.00			0-200				
Endrin ketone	6.32		"	0.00			0-200				
Performance Mix (Y8A2601-PEM2)								Prepared & Analyzed: 01/25/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.681		"	0.00			0-200				
4,4'-DDT	125		"	200		62.6	0-200				
Endrin	96.0		"	100		96.0	0-200				
Endrin aldehyde	1.52		"	0.00			0-200				
Endrin ketone	5.74		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80438 - EPA 3550C											
Blank (BA80438-BLK2)											Prepared & Analyzed: 01/12/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0643*		*"*	*0.0667*		*96.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0570*		*"*	*0.0667*		*85.5*	*30-140*				
LCS (BA80438-BS2)											Prepared & Analyzed: 01/12/2018
Aroclor 1016	0.314	0.0167	mg/kg wet	0.333		94.3	40-130				
Aroclor 1260	0.303	0.0167	"	0.333		90.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0517*		*"*	*0.0667*		*77.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0473*		*"*	*0.0667*		*71.0*	*30-140*				
Batch BA80943 - EPA 3550C											
Blank (BA80943-BLK2)											Prepared: 01/24/2018 Analyzed: 01/25/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0563*		*"*	*0.0667*		*84.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0650*		*"*	*0.0667*		*97.5*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80943 - EPA 3550C											
LCS (BA80943-BS2)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
Aroclor 1016	0.345	0.0167	mg/kg wet	0.333		104	40-130				
Aroclor 1260	0.341	0.0167	"	0.333		102	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0473*		*"*	*0.0667*		*71.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0567*		*"*	*0.0667*		*85.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80484 - EPA 3550B/8151A											
Blank (BA80484-BLK1)								Prepared & Analyzed: 01/15/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.591*		*"*	*0.500*		*118*	*30-150*				
LCS (BA80484-BS1)								Prepared & Analyzed: 01/15/2018			
2,4,5-T	0.114	0.0200	mg/kg wet	0.160		71.2	40-140				
2,4,5-TP (Silvex)	0.125	0.0200	"	0.160		78.1	40-140				
2,4-D	0.113	0.0200	"	0.160		70.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.551*		*"*	*0.500*		*110*	*30-150*				
Matrix Spike (BA80484-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/15/2018			
2,4,5-T	0.127	0.0221	mg/kg dry	0.177	ND	71.9	30-150				
2,4,5-TP (Silvex)	0.127	0.0221	"	0.177	ND	71.9	30-150				
2,4-D	0.111	0.0221	"	0.177	ND	62.5	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.534*		*"*	*0.553*		*96.6*	*30-150*				
Matrix Spike Dup (BA80484-MSD1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/15/2018			
2,4,5-T	0.132	0.0220	mg/kg dry	0.176	ND	75.0	30-150		3.86	35	
2,4,5-TP (Silvex)	0.132	0.0220	"	0.176	ND	75.0	30-150		3.86	35	
2,4-D	0.115	0.0220	"	0.176	ND	65.0	30-150		3.52	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.550*		*"*	*0.551*		*99.8*	*30-150*				
Batch BA81026 - EPA 3550B/8151A											
Blank (BA81026-BLK1)								Prepared & Analyzed: 01/26/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.660*		*"*	*0.500*		*132*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81026 - EPA 3550B/8151A											
LCS (BA81026-BS1)									Prepared & Analyzed: 01/26/2018		
2,4,5-T	0.113	0.0200	mg/kg wet	0.160		70.6	40-140				
2,4,5-TP (Silvex)	0.125	0.0200	"	0.160		78.1	40-140				
2,4-D	0.124	0.0200	"	0.160		77.5	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.518*		*"*	*0.500*		*104*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80448 - EPA 3050B											
Blank (BA80448-BLK1)									Prepared & Analyzed: 01/18/2018		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Duplicate (BA80448-DUP1)	*Source sample: 18A0267-17 (SB106B_23-25)								Prepared & Analyzed: 01/18/2018		
Aluminum	4350	5.53	mg/kg dry		4230				2.81	35	
Antimony	ND	0.553	"		ND					35	
Arsenic	1.47	1.11	"		1.67				12.8	35	
Barium	53.4	1.11	"		48.2				10.2	35	
Beryllium	ND	0.111	"		ND					35	
Cadmium	ND	0.332	"		ND					35	
Calcium	9430	5.53	"		7080				28.6	35	
Chromium	9.51	0.553	"		11.1				15.1	35	
Cobalt	4.34	0.553	"		4.61				6.10	35	
Copper	17.5	0.553	"		17.5				0.368	35	
Iron	10800	2.21	"		10300				5.46	35	
Lead	61.5	0.553	"		86.7				34.0	35	
Magnesium	2510	5.53	"		2450				2.56	35	
Manganese	190	0.553	"		186				1.87	35	
Nickel	15.3	0.553	"		18.3				17.5	35	
Potassium	669	5.53	"		688				2.90	35	
Selenium	ND	1.11	"		ND					35	
Silver	ND	0.553	"		ND					35	
Sodium	243	11.1	"		240				1.21	35	
Thallium	ND	1.11	"		ND					35	
Vanadium	17.0	1.11	"		17.4				2.50	35	
Zinc	61.8	1.66	"		60.6				1.87	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80448 - EPA 3050B											
Matrix Spike (BA80448-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/18/2018			
Aluminum	5380	5.53	mg/kg dry	221	4230	519	75-125	High Bias			
Antimony	17.4	0.553	"	27.7	ND	62.9	75-125	Low Bias			
Arsenic	215	1.11	"	221	1.67	96.3	75-125				
Barium	294	1.11	"	221	48.2	111	75-125				
Beryllium	5.13	0.111	"	5.53	ND	92.7	75-125				
Cadmium	5.77	0.332	"	5.53	ND	104	75-125				
Chromium	36.0	0.553	"	22.1	11.1	113	75-125				
Cobalt	63.1	0.553	"	55.3	4.61	106	75-125				
Copper	51.0	0.553	"	27.7	17.5	121	75-125				
Iron	15100	2.21	"	111	10300	NR	75-125	High Bias			
Lead	140	0.553	"	55.3	86.7	97.0	75-125				
Magnesium	2940	5.53	"		2450		75-125				
Manganese	339	0.553	"	55.3	186	276	75-125	High Bias			
Nickel	79.3	0.553	"	55.3	18.3	110	75-125				
Potassium	696	5.53	"		688		75-125				
Selenium	220	1.11	"	221	ND	99.6	75-125				
Silver	3.87	0.553	"	5.53	ND	70.0	75-125	Low Bias			
Sodium	310	11.1	"		240		75-125				
Thallium	210	1.11	"	221	ND	94.9	75-125				
Vanadium	81.2	1.11	"	55.3	17.4	115	75-125				
Zinc	129	1.66	"	55.3	60.6	124	75-125				
Reference (BA80448-SRM1)								Prepared: 01/12/2018 Analyzed: 01/18/2018			
Aluminum	7550	5.00	mg/kg wet	8090		93.4	49.8-149.6				
Antimony	84.9	0.500	"	99.3		85.4	0.5-207.5				
Arsenic	101	1.00	"	100		101	80.9-120				
Barium	224	1.00	"	217		103	81.6-118.4				
Beryllium	151	0.100	"	147		103	81.6-119.1				
Cadmium	81.2	0.300	"	83.7		97.1	81.2-118.9				
Calcium	6020	5.00	"	6010		100	80.9-119				
Chromium	103	0.500	"	107		96.4	77.5-121.5				
Cobalt	129	0.500	"	123		105	82.1-117.9				
Copper	181	0.500	"	166		109	80.7-118.7				
Iron	13000	2.00	"	14600		89.3	45.1-154.8				
Lead	87.0	0.500	"	88.4		98.4	81.2-118.8				
Magnesium	2860	5.00	"	2930		97.5	74.7-125.3				
Manganese	337	0.500	"	311		108	80.1-119.9				
Nickel	56.6	0.500	"	49.8		114	80.9-118.9				
Potassium	2530	5.00	"	2620		96.5	69.1-130.9				
Selenium	91.3	1.00	"	87.7		104	76.1-124.3				
Silver	40.2	0.500	"	41.4		97.2	73.7-126.1				
Sodium	233	10.0	"	252		92.3	69.1-131.4				
Thallium	53.9	1.00	"	58.1		92.7	77.6-122.6				
Vanadium	138	1.00	"	140		98.4	76.4-122.9				
Zinc	146	1.50	"	145		101	82.1-117.9				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80988 - EPA 3050B											
Blank (BA80988-BLK1)											Prepared & Analyzed: 01/25/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	0.972	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	5.33	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA80988-SRM1)											Prepared & Analyzed: 01/25/2018
Aluminum	6870	5.00	mg/kg wet	8090		84.9	49.8-149.6				
Antimony	160	0.500	"	99.3		162	0.5-207.5				
Arsenic	96.3	1.00	"	100		96.3	80.9-120				
Barium	220	1.00	"	217		101	81.6-118.4				
Beryllium	146	0.100	"	147		99.0	81.6-119.1				
Cadmium	76.8	0.300	"	83.7		91.7	81.2-118.9				
Calcium	5860	5.00	"	6010		97.6	80.9-119				
Chromium	101	0.500	"	107		94.8	77.5-121.5				
Cobalt	126	0.500	"	123		102	82.1-117.9				
Copper	173	0.500	"	166		104	80.7-118.7				
Iron	11900	2.00	"	14600		81.7	45.1-154.8				
Lead	84.1	0.500	"	88.4		95.2	81.2-118.8				
Magnesium	2800	5.00	"	2930		95.6	74.7-125.3				
Manganese	336	0.500	"	311		108	80.1-119.9				
Nickel	53.6	0.500	"	49.8		108	80.9-118.9				
Potassium	2400	5.00	"	2620		91.5	69.1-130.9				
Selenium	77.2	1.00	"	87.7		88.0	76.1-124.3				
Silver	38.6	0.500	"	41.4		93.3	73.7-126.1				
Sodium	226	10.0	"	252		89.9	69.1-131.4				
Thallium	53.7	1.00	"	58.1		92.4	77.6-122.6				
Vanadium	134	1.00	"	140		95.9	76.4-122.9				
Zinc	137	1.50	"	145		94.8	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80447 - EPA 7473 soil											
Blank (BA80447-BLK1)								Prepared & Analyzed: 01/12/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA80447-DUP1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
Mercury	0.110	0.0332	mg/kg dry		0.0850				25.7	35	
Matrix Spike (BA80447-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
Mercury	0.518		mg/kg	0.500	0.0768	88.3	75-125				
Reference (BA80447-SRM1)								Prepared & Analyzed: 01/12/2018			
Mercury	10.864		mg/kg	13.8		78.7	57.1-143.5				
Batch BA80987 - EPA 7473 soil											
Blank (BA80987-BLK1)								Prepared & Analyzed: 01/25/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA80987-SRM1)								Prepared & Analyzed: 01/25/2018			
Mercury	16.487		mg/kg	13.8		119	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80454 - % Solids Prep											
Duplicate (BA80454-DUP1)	*Source sample: 18A0267-17 (SB106B_23-25)								Prepared & Analyzed: 01/12/2018		
% Solids	91.8	0.100	%		90.4				1.57	20	
Batch BA81122 - % Solids Prep											
Duplicate (BA81122-DUP1)	*Source sample: 18A0267-15 (SB106B_14-15)								Prepared & Analyzed: 01/29/2018		
% Solids	83.5	0.100	%		88.3				5.64	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80435 - EPA SW846-3060											
Blank (BA80435-BLK1)								Prepared & Analyzed: 01/12/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA80435-DUP1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
Chromium, Hexavalent	ND	0.553	mg/kg dry		ND					35	
Matrix Spike (BA80435-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
Chromium, Hexavalent	15.9	0.553	mg/kg dry	22.1	ND	71.8	75-125	Low Bias			
Reference (BA80435-SRM1)								Prepared & Analyzed: 01/12/2018			
Chromium, Hexavalent	81.0		mg/L	207		39.1	25.6-116.9				
Batch BA80443 - Analysis Preparation Soil											
Blank (BA80443-BLK1)								Prepared & Analyzed: 01/12/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BA80443-DUP1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
Cyanide, total	ND	0.553	mg/kg dry		ND					15	
Matrix Spike (BA80443-MS1)	*Source sample: 18A0267-17 (SB106B_23-25)							Prepared & Analyzed: 01/12/2018			
Cyanide, total	9.85	0.553	mg/kg dry	11.1	ND	89.0	79.6-107				
Reference (BA80443-SRM1)								Prepared & Analyzed: 01/12/2018			
Cyanide, total	52.5		ug/mL	62.8		83.6	22.5-110				
Batch BA80981 - Analysis Preparation Soil											
Blank (BA80981-BLK1)								Prepared & Analyzed: 01/25/2018			
Cyanide, total	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80981 - Analysis Preparation Soil											
Duplicate (BA80981-DUP1)	*Source sample: 18A0267-15 (SB106B_14-15)							Prepared & Analyzed: 01/25/2018			
Cyanide, total	ND	0.566	mg/kg dry		ND					15	
Matrix Spike (BA80981-MS1)	*Source sample: 18A0267-15 (SB106B_14-15)							Prepared & Analyzed: 01/25/2018			
Cyanide, total	9.45	0.566	mg/kg dry	11.3	ND	83.5	79.6-107				
Reference (BA80981-SRM1)								Prepared & Analyzed: 01/25/2018			
Cyanide, total	39.5		ug/mL	62.8		62.9	22.5-110				
Batch BA80996 - EPA SW846-3060											
Blank (BA80996-BLK1)								Prepared & Analyzed: 01/25/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA80996-SRM1)								Prepared & Analyzed: 01/25/2018			
Chromium, Hexavalent	89.2		mg/L	207		43.1	25.6-116.9				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0267-01	SB101_0-2	40mL Vial with Stir Bar-Cool 4° C
18A0267-03	SB104_0-2	40mL Vial with Stir Bar-Cool 4° C
18A0267-08	SB105_0-2	40mL Vial with Stir Bar-Cool 4° C
18A0267-13	SB106_0-2	40mL Vial with Stir Bar-Cool 4° C
18A0267-14	SB106_11-12	8 oz. WM Clear Glass Cool to 4° C
18A0267-15	SB106B_14-15	40mL Vial with Stir Bar-Cool 4° C
18A0267-17	SB106B_23-25	40mL Vial with Stir Bar-Cool 4° C
18A0267-18	DUP01_011018	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-05	The extraction batch LCS slightly exceeded the upper control limit for this analyte. The sample result may be biased slightly high.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include additional samples.

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0267

YOUR Information	**Report To:**	**Invoice To:**
Company: LANGAN ENGINEERING	Company: "	Company: LANGAN
Address: 360 W 31ST ST 9TH FL, NY NY 10001	Address:	Address: "
Phone No. (212) 479-5400	Phone No. "	Phone No.
Contact Person: KIM DELCOL	Attention:	Attention: "
E-Mail Address: KDELCOL@LANGAN.COM	E-Mail Address: SKNOOP@LANGAN.COM	E-Mail Address:

YOUR Project ID: 170384501

Purchase Order No.

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS X
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison

Excel Spreadsheet

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes: S - soil; Other - specify(oil, etc.); WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCL² list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB101_0-2	01/10/18 09:30	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals	4 40ML, 2 8oz.
SB 101_11-12	01/10/18 09:50	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals – HOLD	4 40 ML, 2 8oz
SB 104_0-2	01/10/18 10:10	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals	4 40ML, 2 8oz
SB 104A_2-4	01/10/18 10:15	S	TAL Metals	4 oz
SB 104A_6-8	01/10/18 10:25	S	TAL Metals	4 oz
SB 104A_11-12	01/10/18 10:30	S	TAL Metals	4 oz
SB 104A_14-15	01/10/18 10:35	S	TAL Metals	4 oz
SB 105_0-2	01/10/18 13:30	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals	4 40ML, 2 8oz
SB105_2-3	01/10/18 13:40	S	TAL Metals	
SB105_7-8	01/10/18 13:45	S	TAL Metals	

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions

Field Filtered ☐

Lab to Filter ☐

Samples Relinquished By	01/10/18 1455 Date/Time	Samples Received By	1/10/18 KISS Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	1/10/18 1953 Date/Time

Temperature on Receipt 4.0 °C

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0267

YOUR Information	**Report To:**	**Invoice To:**
Company: 11	Company: 11	Company: 11
Address:	Address:	Address:
Phone No.	Phone No.	Phone No.
Contact Person:	Attention:	Attention:
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID: 170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel ___
- NYSDEC EQuIS X
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB105-11-12	01/10/18 13:45	S	TAL Metals	4 oz
SB105-14-15	01/10/18 13:50	S	TAL Metals	4 oz
SB106-0-2	01/10/18 10:45	S	~~TAL Metals~~ TCL+30 VOCs + SVOCs, PCBs, pest, herb + TAL Metals	440 mL, 2 8oz
SB106-11-12	01/10/18 11:10	S	TCL+30 VOCs, SVOCs, PCBs, pest, herb, TAL Metals	440 mL, 2 8oz
SB106A-14-15	01/10/18 11:45	S	TCL+30 VOCs, SVOCs, PCBS, pest, herb, TAL Metals - HOLD	440mL, 2 8oz
SB106A-21-23	01/10/18 12:40	S	TCL+30 VOCs, SVOCs, PCBs, pest, herb, TAL Metals - HOLD	440mL, 2 8oz
SB106A-23-25	01/10/18 13:15	S	TCL+30 VOCs, SVOCs, PCBs, pest, herb, TAL Metals	440 mL, 2 8oz
DUP01-011018	01/10/18 12:34	S	TCL+30 VOCs, SVOCs, PCBs, pest, herb, TAL Metals	440 mL, 2 8oz
EBMS01-011018	01/10/18 13:15	S	TCL+30 VOCs, SVOCs, PCBs, pest, herb, TAL Metals	440 mL, 2 8oz
EBMSD01-011018	01/10/18 13:15	S	TCL+30 VOCs, SVOCs, PCBs, pest, herb, TAL Metals	440 mL, 2 8oz

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	01/10/18 1455		1/10/18 1455
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			1/10/18 1953

Temperature on Receipt 4.0 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/18/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0314

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 01/18/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0314

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 11, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0314-01	EBTB01_011118	Water	01/11/2018	01/11/2018
18A0314-02	EBFB01_011118	Water	01/11/2018	01/11/2018
18A0314-03	SB119_0-2	Soil	01/11/2018	01/11/2018

General Notes for York Project (SDG) No.: 18A0314

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

Approved By:

Date: 01/18/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EBTB01_011118 **York Sample ID:** 18A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 3:00 pm	01/11/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB01_011118 **York Sample ID:** 18A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 3:00 pm	01/11/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB01_011118 **York Sample ID:** 18A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 3:00 pm	01/11/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB01_011118 **York Sample ID:** 18A0314-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 3:00 pm	01/11/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*92.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:03	SS
							Certifications:			

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.04**		ug/L	1.00	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.14**		ug/L	0.500	2.00	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*91.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	01/16/2018 07:30	01/16/2018 17:34	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*27.2 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*16.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.2 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.1 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*71.6 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*58.6 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	* Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	* Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	* Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications:			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/12/2018 06:58	01/15/2018 12:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/12/2018 06:58	01/15/2018 18:05	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0400	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/L	0.0200	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0200	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0200	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00800	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.200	1	EPA 8081B	01/15/2018 07:57	01/16/2018 12:27	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.100	1	EPA 8082A	01/15/2018 07:57	01/17/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.100	1	EPA 8082A	01/15/2018 07:57	01/17/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.100	1	EPA 8082A	01/15/2018 07:57	01/17/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.100	1	EPA 8082A	01/15/2018 07:57	01/17/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.100	1	EPA 8082A	01/15/2018 07:57	01/17/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.100	1	EPA 8082A	01/15/2018 07:57	01/17/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.100	1	EPA 8082A	01/15/2018 07:57	01/17/2018 11:33	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.100	1	EPA 8082A	01/15/2018 07:57	01/17/2018 11:33	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.1 %*	*30-120*

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.1 %*			*30-120*					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/18/2018 04:03	01/18/2018 11:45	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/18/2018 04:03	01/18/2018 11:45	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/18/2018 04:03	01/18/2018 11:45	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*118 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	01/18/2018 10:00	01/18/2018 11:44	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.00020**		mg/L	0.00020	1	EPA 7473	01/17/2018 12:31	01/17/2018 13:27	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/12/2018 10:42	01/12/2018 11:27	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: EBFB01_011118 **York Sample ID:** 18A0314-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Water	January 11, 2018 12:00 pm	01/11/2018

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	01/18/2018 12:57	01/18/2018 17:03	AD
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	01/15/2018 09:34	01/15/2018 14:32	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.22	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0091**	J	mg/kg dry	0.0056	0.011	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	**Hexane**	**7.2**	N	ug/kg dry			1	EPA 8260C	01/15/2018 12:30	01/16/2018 09:52	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.147**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.150**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.401**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.68**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**1.69**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.35**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.00**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.32**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.190**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.171**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.52**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.260**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0807**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0885	0.177	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**3.26**		mg/kg dry	0.111	0.221	5	EPA 8270D	01/12/2018 04:26	01/16/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.114**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.907**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0821**	J	mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**2.14**		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0885	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**3.68**		mg/kg dry	0.111	0.221	5	EPA 8270D	01/12/2018 04:26	01/16/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*59.2 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*82.8 %*	*23-114*

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*94.5 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*74.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*55.1 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*63.6 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**methyl Pyrene isomer**	**779**		ug/kg dry			2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:			
NA	**unknown PAH**	**920**		ug/kg dry			2	EPA 8270D	01/12/2018 04:26	01/12/2018 17:50	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00619**		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00879	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0889	5	EPA 8081B	01/12/2018 04:24	01/15/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*117 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	01/12/2018 04:24	01/13/2018 03:37	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	01/12/2018 04:24	01/13/2018 03:37	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	01/12/2018 04:24	01/13/2018 03:37	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	01/12/2018 04:24	01/13/2018 03:37	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	01/12/2018 04:24	01/13/2018 03:37	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	01/12/2018 04:24	01/13/2018 03:37	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	01/12/2018 04:24	01/13/2018 03:37	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	01/12/2018 04:24	01/13/2018 03:37	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	01/15/2018 04:27	01/15/2018 17:44	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	01/15/2018 04:27	01/15/2018 17:44	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	01/15/2018 04:27	01/15/2018 17:44	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*121 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6370**		mg/kg dry	5.33	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.533	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**8.53**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**212**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.586**		mg/kg dry	0.320	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**109000**		mg/kg dry	5.33	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.0**		mg/kg dry	0.533	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.80**		mg/kg dry	0.533	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**24.7**		mg/kg dry	0.533	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**11400**		mg/kg dry	2.13	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**274**		mg/kg dry	0.533	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4320**		mg/kg dry	5.33	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**337**		mg/kg dry	0.533	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**14.9**		mg/kg dry	0.533	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1080**		mg/kg dry	5.33	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**235**		mg/kg dry	10.7	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**15.8**		mg/kg dry	1.07	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**194**		mg/kg dry	1.60	1	EPA 6010C	01/18/2018 10:00	01/18/2018 14:22	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.297**		mg/kg dry	0.0320	1	EPA 7473	01/12/2018 09:09	01/12/2018 12:24	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	01/12/2018 09:42	01/12/2018 14:07	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB119_0-2 **York Sample ID:** 18A0314-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0314	170384501	Soil	January 11, 2018 12:00 pm	01/11/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	01/11/2018 17:03	01/12/2018 14:18	DM1
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.0**		mg/kg	0.500	1	Calculation	01/18/2018 12:58	01/18/2018 17:14	AD
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	01/12/2018 08:45	01/12/2018 15:41	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BA80435 **Preparation Method:** EPA SW846-3060 **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/11/18
BA80435-BLK1	Blank	01/11/18
BA80435-SRM1	Reference	01/11/18

Batch ID: BA80438 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/12/18
18A0314-03	SB119_0-2	01/12/18
BA80438-BLK1	Blank	01/12/18
BA80438-BLK2	Blank	01/12/18
BA80438-BS1	LCS	01/12/18
BA80438-BS2	LCS	01/12/18

Batch ID: BA80439 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/12/18
18A0314-03	SB119_0-2	01/12/18
18A0314-03RE1	SB119_0-2	01/12/18
BA80439-BLK1	Blank	01/12/18
BA80439-BLK1	Blank	01/12/18
BA80439-BS1	LCS	01/12/18

Batch ID: BA80442 **Preparation Method:** EPA 3510C **Prepared By:** MAT

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-02	EBFB01_011118	01/12/18
18A0314-02	EBFB01_011118	01/12/18
BA80442-BLK1	Blank	01/12/18
BA80442-BLK1	Blank	01/12/18
BA80442-BLK2	Blank	01/12/18
BA80442-BS1	LCS	01/12/18
BA80442-BS2	LCS	01/12/18
BA80442-BSD1	LCS Dup	01/12/18

Batch ID: BA80443 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/12/18
BA80443-BLK1	Blank	01/12/18
BA80443-SRM1	Reference	01/12/18

Batch ID: BA80446 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/12/18
BA80446-BLK1	Blank	01/12/18
BA80446-SRM1	Reference	01/12/18

Batch ID: BA80448 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/18/18
BA80448-BLK1	Blank	01/18/18
BA80448-SRM1	Reference	01/12/18

Batch ID: BA80456 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/12/18
BA80456-DUP1	Duplicate	01/12/18

Batch ID: BA80465 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-02	EBFB01_011118	01/12/18
BA80465-BLK1	Blank	01/12/18
BA80465-BS1	LCS	01/12/18
BA80465-DUP1	Duplicate	01/12/18
BA80465-MS1	Matrix Spike	01/12/18

Batch ID: BA80484 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/15/18
BA80484-BLK1	Blank	01/15/18
BA80484-BS1	LCS	01/15/18

Batch ID: BA80487 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-02	EBFB01_011118	01/15/18
18A0314-02	EBFB01_011118	01/15/18
BA80487-BLK1	Blank	01/15/18
BA80487-BLK2	Blank	01/15/18
BA80487-BS1	LCS	01/15/18
BA80487-BS2	LCS	01/15/18
BA80487-BSD1	LCS Dup	01/15/18

BA80487-BSD2	LCS Dup	01/15/18

Batch ID: BA80491 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/15/18
18A0314-03	SB119_0-2	01/15/18
BA80491-BLK1	Blank	01/15/18
BA80491-BS1	LCS	01/15/18
BA80491-BSD1	LCS Dup	01/15/18

Batch ID: BA80506 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-02	EBFB01_011118	01/15/18
BA80506-BLK1	Blank	01/15/18
BA80506-BS1	LCS	01/15/18

Batch ID: BA80554 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-01	EBTB01_011118	01/16/18
18A0314-02	EBFB01_011118	01/16/18
BA80554-BLK1	Blank	01/16/18
BA80554-BS1	LCS	01/16/18
BA80554-BSD1	LCS Dup	01/16/18

Batch ID: BA80560 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-02	EBFB01_011118	01/16/18
BA80560-BLK1	Blank	01/16/18
BA80560-BS1	LCS	01/16/18
BA80560-DUP1	Duplicate	01/16/18
BA80560-MS1	Matrix Spike	01/16/18

Batch ID: BA80562 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-02	EBFB01_011118	01/18/18
BA80562-BLK1	Blank	01/18/18
BA80562-DUP1	Duplicate	01/18/18
BA80562-MS1	Matrix Spike	01/18/18
BA80562-SRM1	Reference	01/18/18

Batch ID: BA80628 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-02	EBFB01_011118	01/17/18
BA80628-BLK1	Blank	01/17/18
BA80628-DUP1	Duplicate	01/17/18
BA80628-MS1	Matrix Spike	01/17/18
BA80628-SRM1	Reference	01/17/18

Batch ID: BA80659 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-02	EBFB01_011118	01/18/18
BA80659-BLK1	Blank	01/18/18
BA80659-BS1	LCS	01/18/18
BA80659-BSD1	LCS Dup	01/18/18

Batch ID: BA80691 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-02	EBFB01_011118	01/18/18

Batch ID: BA80692 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0314-03	SB119_0-2	01/18/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80491 - EPA 5035A											
Blank (BA80491-BLK1)											
Prepared: 01/15/2018 Analyzed: 01/16/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

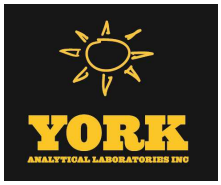
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80491 - EPA 5035A											
Blank (BA80491-BLK1)								Prepared: 01/15/2018 Analyzed: 01/16/2018			
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*48.6*		*ug/L*	*50.0*		*97.2*	*77-125*				
Surrogate: Toluene-d8	*47.5*		*"*	*50.0*		*94.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				
LCS (BA80491-BS1)								Prepared: 01/15/2018 Analyzed: 01/16/2018			
1,1,1,2-Tetrachloroethane	46.0		ug/L	50.0		92.0	75-129				
1,1,1-Trichloroethane	47.2		"	50.0		94.4	71-137				
1,1,2,2-Tetrachloroethane	47.9		"	50.0		95.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0		"	50.0		100	58-146				
1,1,2-Trichloroethane	45.7		"	50.0		91.3	83-123				
1,1-Dichloroethane	49.6		"	50.0		99.1	75-130				
1,1-Dichloroethylene	47.5		"	50.0		95.1	64-137				
1,2,3-Trichlorobenzene	40.9		"	50.0		81.8	81-140				
1,2,3-Trichloropropane	46.9		"	50.0		93.7	81-126				
1,2,4-Trichlorobenzene	39.2		"	50.0		78.5	80-141	Low Bias			
1,2,4-Trimethylbenzene	44.1		"	50.0		88.1	84-125				
1,2-Dibromo-3-chloropropane	50.5		"	50.0		101	74-142				
1,2-Dibromoethane	46.1		"	50.0		92.2	86-123				
1,2-Dichlorobenzene	44.2		"	50.0		88.3	85-122				
1,2-Dichloroethane	49.8		"	50.0		99.6	71-133				
1,2-Dichloropropane	47.0		"	50.0		94.1	81-122				
1,3,5-Trimethylbenzene	44.6		"	50.0		89.2	82-126				
1,3-Dichlorobenzene	42.2		"	50.0		84.5	84-124				
1,4-Dichlorobenzene	41.8		"	50.0		83.6	84-124	Low Bias			
1,4-Dioxane	1060		"	1050		101	10-228				
2-Butanone	50.5		"	50.0		101	58-147				
2-Hexanone	45.8		"	50.0		91.6	70-139				
4-Methyl-2-pentanone	47.7		"	50.0		95.5	72-132				
Acetone	35.3		"	50.0		70.6	36-155				
Acrolein	27.8		"	500		5.56	10-238	Low Bias			
Acrylonitrile	50.0		"	50.0		99.9	66-141				
Benzene	48.6		"	50.0		97.2	77-127				
Bromochloromethane	50.0		"	50.0		100	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80491 - EPA 5035A											
LCS (BA80491-BS1)											
Prepared: 01/15/2018 Analyzed: 01/16/2018											
Bromodichloromethane	45.2		ug/L	50.0		90.3	81-124				
Bromoform	44.2		"	50.0		88.5	80-136				
Bromomethane	52.6		"	50.0		105	32-177				
Carbon disulfide	54.6		"	50.0		109	10-136				
Carbon tetrachloride	47.4		"	50.0		94.8	66-143				
Chlorobenzene	44.6		"	50.0		89.1	86-120				
Chloroethane	60.7		"	50.0		121	51-142				
Chloroform	47.8		"	50.0		95.7	76-131				
Chloromethane	62.8		"	50.0		126	49-132				
cis-1,2-Dichloroethylene	48.1		"	50.0		96.3	74-132				
cis-1,3-Dichloropropylene	44.7		"	50.0		89.4	81-129				
Cyclohexane	50.7		"	50.0		101	70-130				
Dibromochloromethane	46.3		"	50.0		92.5	10-200				
Dibromomethane	46.6		"	50.0		93.3	83-124				
Dichlorodifluoromethane	78.2		"	50.0		156	28-158				
Ethyl Benzene	45.2		"	50.0		90.5	84-125				
Hexachlorobutadiene	42.5		"	50.0		85.0	83-133				
Isopropylbenzene	44.4		"	50.0		88.7	81-127				
Methyl acetate	46.4		"	50.0		92.8	41-143				
Methyl tert-butyl ether (MTBE)	52.8		"	50.0		106	74-131				
Methylcyclohexane	47.9		"	50.0		95.8	70-130				
Methylene chloride	49.1		"	50.0		98.3	57-141				
n-Butylbenzene	43.7		"	50.0		87.4	80-130				
n-Propylbenzene	44.1		"	50.0		88.1	74-136				
o-Xylene	45.2		"	50.0		90.4	83-123				
p- & m- Xylenes	88.4		"	100		88.4	82-128				
p-Isopropyltoluene	43.7		"	50.0		87.4	85-125				
sec-Butylbenzene	47.1		"	50.0		94.2	83-125				
Styrene	43.3		"	50.0		86.6	86-126				
tert-Butyl alcohol (TBA)	258		"	250		103	70-130				
tert-Butylbenzene	45.1		"	50.0		90.2	80-127				
Tetrachloroethylene	41.0		"	50.0		81.9	80-129				
Toluene	44.8		"	50.0		89.6	85-121				
trans-1,2-Dichloroethylene	47.6		"	50.0		95.3	72-132				
trans-1,3-Dichloropropylene	43.5		"	50.0		87.1	78-132				
Trichloroethylene	46.2		"	50.0		92.4	84-123				
Trichlorofluoromethane	58.0		"	50.0		116	62-140				
Vinyl Chloride	60.1		"	50.0		120	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.5*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80491 - EPA 5035A											
LCS Dup (BA80491-BSD1)								Prepared: 01/15/2018 Analyzed: 01/16/2018			
1,1,1,2-Tetrachloroethane	45.4		ug/L	50.0		90.7	75-129		1.36	30	
1,1,1-Trichloroethane	47.1		"	50.0		94.2	71-137		0.170	30	
1,1,2,2-Tetrachloroethane	47.0		"	50.0		94.1	79-129		1.85	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.5		"	50.0		99.0	58-146		0.945	30	
1,1,2-Trichloroethane	46.0		"	50.0		92.0	83-123		0.742	30	
1,1-Dichloroethane	49.3		"	50.0		98.5	75-130		0.567	30	
1,1-Dichloroethylene	47.6		"	50.0		95.2	64-137		0.105	30	
1,2,3-Trichlorobenzene	40.3		"	50.0		80.6	81-140	Low Bias	1.48	30	
1,2,3-Trichloropropane	47.3		"	50.0		94.6	81-126		0.892	30	
1,2,4-Trichlorobenzene	37.8		"	50.0		75.5	80-141	Low Bias	3.79	30	
1,2,4-Trimethylbenzene	43.3		"	50.0		86.6	84-125		1.69	30	
1,2-Dibromo-3-chloropropane	50.1		"	50.0		100	74-142		0.934	30	
1,2-Dibromoethane	45.6		"	50.0		91.2	86-123		1.13	30	
1,2-Dichlorobenzene	43.7		"	50.0		87.4	85-122		1.09	30	
1,2-Dichloroethane	48.7		"	50.0		97.3	71-133		2.28	30	
1,2-Dichloropropane	46.6		"	50.0		93.3	81-122		0.875	30	
1,3,5-Trimethylbenzene	43.3		"	50.0		86.6	82-126		2.94	30	
1,3-Dichlorobenzene	41.6		"	50.0		83.1	84-124	Low Bias	1.65	30	
1,4-Dichlorobenzene	40.8		"	50.0		81.5	84-124	Low Bias	2.50	30	
1,4-Dioxane	1040		"	1050		99.4	10-228		1.61	30	
2-Butanone	49.1		"	50.0		98.2	58-147		2.73	30	
2-Hexanone	45.2		"	50.0		90.4	70-139		1.27	30	
4-Methyl-2-pentanone	46.9		"	50.0		93.8	72-132		1.82	30	
Acetone	39.5		"	50.0		79.1	36-155		11.3	30	
Acrolein	28.2		"	500		5.64	10-238	Low Bias	1.32	30	
Acrylonitrile	49.7		"	50.0		99.4	66-141		0.542	30	
Benzene	47.8		"	50.0		95.7	77-127		1.56	30	
Bromochloromethane	49.7		"	50.0		99.3	74-129		0.702	30	
Bromodichloromethane	44.9		"	50.0		89.8	81-124		0.600	30	
Bromoform	43.2		"	50.0		86.4	80-136		2.40	30	
Bromomethane	51.0		"	50.0		102	32-177		3.05	30	
Carbon disulfide	53.6		"	50.0		107	10-136		1.89	30	
Carbon tetrachloride	46.6		"	50.0		93.3	66-143		1.55	30	
Chlorobenzene	43.6		"	50.0		87.2	86-120		2.20	30	
Chloroethane	60.0		"	50.0		120	51-142		1.16	30	
Chloroform	47.5		"	50.0		95.1	76-131		0.629	30	
Chloromethane	62.4		"	50.0		125	49-132		0.607	30	
cis-1,2-Dichloroethylene	47.8		"	50.0		95.6	74-132		0.688	30	
cis-1,3-Dichloropropylene	43.6		"	50.0		87.3	81-129		2.38	30	
Cyclohexane	50.2		"	50.0		100	70-130		0.971	30	
Dibromochloromethane	45.1		"	50.0		90.3	10-200		2.49	30	
Dibromomethane	45.4		"	50.0		90.8	83-124		2.65	30	
Dichlorodifluoromethane	78.1		"	50.0		156	28-158		0.154	30	
Ethyl Benzene	44.2		"	50.0		88.5	84-125		2.26	30	
Hexachlorobutadiene	40.3		"	50.0		80.5	83-133	Low Bias	5.41	30	
Isopropylbenzene	43.1		"	50.0		86.1	81-127		2.97	30	
Methyl acetate	43.4		"	50.0		86.9	41-143		6.59	30	
Methyl tert-butyl ether (MTBE)	52.2		"	50.0		104	74-131		1.22	30	
Methylcyclohexane	47.1		"	50.0		94.2	70-130		1.66	30	
Methylene chloride	48.2		"	50.0		96.5	57-141		1.85	30	
n-Butylbenzene	42.5		"	50.0		85.0	80-130		2.74	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

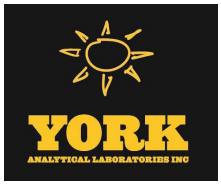
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80491 - EPA 5035A											
LCS Dup (BA80491-BSD1)								Prepared: 01/15/2018 Analyzed: 01/16/2018			
n-Propylbenzene	43.9		ug/L	50.0		87.8	74-136		0.318	30	
o-Xylene	44.5		"	50.0		88.9	83-123		1.58	30	
p- & m- Xylenes	86.6		"	100		86.6	82-128		1.94	30	
p-Isopropyltoluene	43.0		"	50.0		86.1	85-125		1.45	30	
sec-Butylbenzene	46.1		"	50.0		92.3	83-125		2.02	30	
Styrene	42.5		"	50.0		85.0	86-126	Low Bias	1.84	30	
tert-Butyl alcohol (TBA)	259		"	250		103	70-130		0.418	30	
tert-Butylbenzene	43.1		"	50.0		86.3	80-127		4.49	30	
Tetrachloroethylene	40.3		"	50.0		80.6	80-129		1.62	30	
Toluene	44.3		"	50.0		88.7	85-121		1.08	30	
trans-1,2-Dichloroethylene	47.5		"	50.0		95.0	72-132		0.315	30	
trans-1,3-Dichloropropylene	42.8		"	50.0		85.5	78-132		1.78	30	
Trichloroethylene	45.5		"	50.0		90.9	84-123		1.55	30	
Trichlorofluoromethane	57.8		"	50.0		116	62-140		0.346	30	
Vinyl Chloride	59.7		"	50.0		119	52-130		0.701	30	
Surrogate: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.6*	*77-125*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
Batch BA80554 - EPA 5030B											
Blank (BA80554-BLK1)								Prepared & Analyzed: 01/16/2018			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80554 - EPA 5030B											
Blank (BA80554-BLK1)											
Prepared & Analyzed: 01/16/2018											
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80554 - EPA 5030B											
LCS (BA80554-BS1)								Prepared & Analyzed: 01/16/2018			
1,1,1,2-Tetrachloroethane	8.63		ug/L	10.0		86.3	82-126				
1,1,1-Trichloroethane	8.94		"	10.0		89.4	78-136				
1,1,2,2-Tetrachloroethane	8.56		"	10.0		85.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.62		"	10.0		86.2	54-165				
1,1,2-Trichloroethane	8.57		"	10.0		85.7	82-123				
1,1-Dichloroethane	9.22		"	10.0		92.2	82-129				
1,1-Dichloroethylene	8.82		"	10.0		88.2	68-138				
1,2,3-Trichlorobenzene	13.1		"	10.0		131	76-136				
1,2,3-Trichloropropane	8.72		"	10.0		87.2	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	8.49		"	10.0		84.9	82-132				
1,2-Dibromo-3-chloropropane	8.04		"	10.0		80.4	45-147				
1,2-Dibromoethane	8.67		"	10.0		86.7	83-124				
1,2-Dichlorobenzene	8.51		"	10.0		85.1	79-123				
1,2-Dichloroethane	9.39		"	10.0		93.9	73-132				
1,2-Dichloropropane	8.31		"	10.0		83.1	78-126				
1,3,5-Trimethylbenzene	8.50		"	10.0		85.0	80-131				
1,3-Dichlorobenzene	8.36		"	10.0		83.6	86-122	Low Bias			
1,4-Dichlorobenzene	8.39		"	10.0		83.9	85-124	Low Bias			
1,4-Dioxane	254		"	210		121	10-349				
2-Butanone	14.4		"	10.0		144	49-152				
2-Hexanone	11.8		"	10.0		118	51-146				
4-Methyl-2-pentanone	9.44		"	10.0		94.4	57-145				
Acetone	19.3		"	10.0		193	14-150	High Bias			
Acrolein	8.98		"	100		8.98	10-153	Low Bias			
Acrylonitrile	9.18		"	10.0		91.8	51-150				
Benzene	9.31		"	10.0		93.1	85-126				
Bromochloromethane	9.60		"	10.0		96.0	77-128				
Bromodichloromethane	8.32		"	10.0		83.2	79-128				
Bromoform	8.51		"	10.0		85.1	78-133				
Bromomethane	2.90		"	10.0		29.0	43-168	Low Bias			
Carbon disulfide	9.80		"	10.0		98.0	68-146				
Carbon tetrachloride	9.08		"	10.0		90.8	77-141				
Chlorobenzene	8.72		"	10.0		87.2	88-120	Low Bias			
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	9.24		"	10.0		92.4	82-128				
Chloromethane	7.81		"	10.0		78.1	43-155				
cis-1,2-Dichloroethylene	9.23		"	10.0		92.3	83-129				
cis-1,3-Dichloropropylene	8.64		"	10.0		86.4	80-131				
Cyclohexane	9.84		"	10.0		98.4	63-149				
Dibromochloromethane	8.67		"	10.0		86.7	80-130				
Dibromomethane	8.48		"	10.0		84.8	72-134				
Dichlorodifluoromethane	11.6		"	10.0		116	44-144				
Ethyl Benzene	8.82		"	10.0		88.2	80-131				
Hexachlorobutadiene	9.74		"	10.0		97.4	67-146				
Isopropylbenzene	8.39		"	10.0		83.9	76-140				
Methyl acetate	9.30		"	10.0		93.0	51-139				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135				
Methylcyclohexane	8.82		"	10.0		88.2	72-143				
Methylene chloride	9.28		"	10.0		92.8	55-137				
n-Butylbenzene	8.56		"	10.0		85.6	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80554 - EPA 5030B											
LCS (BA80554-BS1)								Prepared & Analyzed: 01/16/2018			
n-Propylbenzene	8.39		ug/L	10.0		83.9	78-133				
o-Xylene	8.99		"	10.0		89.9	78-130				
p- & m- Xylenes	18.1		"	20.0		90.6	77-133				
p-Isopropyltoluene	8.49		"	10.0		84.9	81-136				
sec-Butylbenzene	8.67		"	10.0		86.7	79-137				
Styrene	8.70		"	10.0		87.0	67-132				
tert-Butyl alcohol (TBA)	51.2		"	50.0		102	25-162				
tert-Butylbenzene	8.25		"	10.0		82.5	77-138				
Tetrachloroethylene	8.05		"	10.0		80.5	82-131	Low Bias			
Toluene	8.53		"	10.0		85.3	80-127				
trans-1,2-Dichloroethylene	8.79		"	10.0		87.9	80-132				
trans-1,3-Dichloropropylene	8.48		"	10.0		84.8	78-131				
Trichloroethylene	8.49		"	10.0		84.9	82-128				
Trichlorofluoromethane	10.4		"	10.0		104	67-139				
Vinyl Chloride	10.4		"	10.0		104	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*69-130*				
Surrogate: Toluene-d8	*9.43*		*"*	*10.0*		*94.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*79-122*				
LCS Dup (BA80554-BSD1)								Prepared & Analyzed: 01/16/2018			
1,1,1,2-Tetrachloroethane	8.55		ug/L	10.0		85.5	82-126		0.931	30	
1,1,1-Trichloroethane	8.89		"	10.0		88.9	78-136		0.561	30	
1,1,2,2-Tetrachloroethane	8.53		"	10.0		85.3	76-129		0.351	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.53		"	10.0		95.3	54-165		10.0	30	
1,1,2-Trichloroethane	8.31		"	10.0		83.1	82-123		3.08	30	
1,1-Dichloroethane	9.05		"	10.0		90.5	82-129		1.86	30	
1,1-Dichloroethylene	8.81		"	10.0		88.1	68-138		0.113	30	
1,2,3-Trichlorobenzene	12.8		"	10.0		128	76-136		2.24	30	
1,2,3-Trichloropropane	8.35		"	10.0		83.5	77-128		4.34	30	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137		0.882	30	
1,2,4-Trimethylbenzene	8.52		"	10.0		85.2	82-132		0.353	30	
1,2-Dibromo-3-chloropropane	7.89		"	10.0		78.9	45-147		1.88	30	
1,2-Dibromoethane	8.48		"	10.0		84.8	83-124		2.22	30	
1,2-Dichlorobenzene	8.57		"	10.0		85.7	79-123		0.703	30	
1,2-Dichloroethane	8.99		"	10.0		89.9	73-132		4.35	30	
1,2-Dichloropropane	8.35		"	10.0		83.5	78-126		0.480	30	
1,3,5-Trimethylbenzene	8.61		"	10.0		86.1	80-131		1.29	30	
1,3-Dichlorobenzene	8.33		"	10.0		83.3	86-122	Low Bias	0.359	30	
1,4-Dichlorobenzene	8.30		"	10.0		83.0	85-124	Low Bias	1.08	30	
1,4-Dioxane	201		"	210		95.5	10-349		23.4	30	
2-Butanone	10.3		"	10.0		103	49-152		33.3	30	Non-dir.
2-Hexanone	8.99		"	10.0		89.9	51-146		26.8	30	
4-Methyl-2-pentanone	8.77		"	10.0		87.7	57-145		7.36	30	
Acetone	9.11		"	10.0		91.1	14-150		71.7	30	Non-dir.
Acrolein	8.42		"	100		8.42	10-153	Low Bias	6.44	30	
Acrylonitrile	8.68		"	10.0		86.8	51-150		5.60	30	
Benzene	9.23		"	10.0		92.3	85-126		0.863	30	
Bromochloromethane	9.41		"	10.0		94.1	77-128		2.00	30	
Bromodichloromethane	8.24		"	10.0		82.4	79-128		0.966	30	
Bromoform	8.01		"	10.0		80.1	78-133		6.05	30	
Bromomethane	3.25		"	10.0		32.5	43-168	Low Bias	11.4	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80554 - EPA 5030B											
LCS Dup (BA80554-BSD1)								Prepared & Analyzed: 01/16/2018			
Carbon disulfide	9.88		ug/L	10.0		98.8	68-146		0.813	30	
Carbon tetrachloride	9.21		"	10.0		92.1	77-141		1.42	30	
Chlorobenzene	8.63		"	10.0		86.3	88-120	Low Bias	1.04	30	
Chloroethane	10.1		"	10.0		101	65-136		3.51	30	
Chloroform	9.06		"	10.0		90.6	82-128		1.97	30	
Chloromethane	8.05		"	10.0		80.5	43-155		3.03	30	
cis-1,2-Dichloroethylene	9.19		"	10.0		91.9	83-129		0.434	30	
cis-1,3-Dichloropropylene	8.50		"	10.0		85.0	80-131		1.63	30	
Cyclohexane	10.5		"	10.0		105	63-149		6.39	30	
Dibromochloromethane	8.45		"	10.0		84.5	80-130		2.57	30	
Dibromomethane	8.23		"	10.0		82.3	72-134		2.99	30	
Dichlorodifluoromethane	12.6		"	10.0		126	44-144		8.51	30	
Ethyl Benzene	8.84		"	10.0		88.4	80-131		0.227	30	
Hexachlorobutadiene	9.75		"	10.0		97.5	67-146		0.103	30	
Isopropylbenzene	8.52		"	10.0		85.2	76-140		1.54	30	
Methyl acetate	9.35		"	10.0		93.5	51-139		0.536	30	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135		1.58	30	
Methylcyclohexane	9.51		"	10.0		95.1	72-143		7.53	30	
Methylene chloride	9.14		"	10.0		91.4	55-137		1.52	30	
n-Butylbenzene	8.79		"	10.0		87.9	79-132		2.65	30	
n-Propylbenzene	8.48		"	10.0		84.8	78-133		1.07	30	
o-Xylene	8.87		"	10.0		88.7	78-130		1.34	30	
p- & m- Xylenes	18.0		"	20.0		89.8	77-133		0.832	30	
p-Isopropyltoluene	8.63		"	10.0		86.3	81-136		1.64	30	
sec-Butylbenzene	8.85		"	10.0		88.5	79-137		2.05	30	
Styrene	8.60		"	10.0		86.0	67-132		1.16	30	
tert-Butyl alcohol (TBA)	46.4		"	50.0		92.8	25-162		9.81	30	
tert-Butylbenzene	8.34		"	10.0		83.4	77-138		1.08	30	
Tetrachloroethylene	7.96		"	10.0		79.6	82-131	Low Bias	1.12	30	
Toluene	8.43		"	10.0		84.3	80-127		1.18	30	
trans-1,2-Dichloroethylene	8.82		"	10.0		88.2	80-132		0.341	30	
trans-1,3-Dichloropropylene	8.13		"	10.0		81.3	78-131		4.21	30	
Trichloroethylene	8.44		"	10.0		84.4	82-128		0.591	30	
Trichlorofluoromethane	10.9		"	10.0		109	67-139		4.80	30	
Vinyl Chloride	10.4		"	10.0		104	58-145		0.385	30	
Surrogate: 1,2-Dichloroethane-d4	*9.97*		*"*	*10.0*		*99.7*	*69-130*				
Surrogate: Toluene-d8	*9.50*		*"*	*10.0*		*95.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Blank (BA80439-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared & Analyzed: 01/12/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Blank (BA80439-BLK1)											Prepared & Analyzed: 01/12/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.48*		"	*2.52*		*98.5*	*20-108*				
Surrogate: Phenol-d5	*2.68*		"	*2.55*		*105*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.02*		"	*1.69*		*120*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.84*		"	*1.83*		*101*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.91*		"	*2.53*		*115*	*19-110*				
Surrogate: Terphenyl-d14	*1.57*		"	*1.77*		*88.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

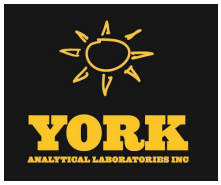
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
LCS (BA80439-BS1)							Prepared & Analyzed: 01/12/2018				
1,1-Biphenyl	0.794	0.0417	mg/kg wet	0.833		95.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.981	0.0833	"	0.833		118	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.727	0.0417	"	0.833		87.2	17-137				
2,3,4,6-Tetrachlorophenol	0.943	0.0833	"	0.833		113	30-130				
2,4,5-Trichlorophenol	0.876	0.0417	"	0.833		105	27-118				
2,4,6-Trichlorophenol	0.869	0.0417	"	0.833		104	31-120				
2,4-Dichlorophenol	0.905	0.0417	"	0.833		109	20-127				
2,4-Dimethylphenol	0.966	0.0417	"	0.833		116	14-132				
2,4-Dinitrophenol	0.882	0.0833	"	0.833		106	10-171				
2,4-Dinitrotoluene	0.819	0.0417	"	0.833		98.3	34-131				
2,6-Dinitrotoluene	0.851	0.0417	"	0.833		102	31-128				
2-Chloronaphthalene	0.682	0.0417	"	0.833		81.8	31-117				
2-Chlorophenol	0.776	0.0417	"	0.833		93.2	33-113				
2-Methylnaphthalene	0.924	0.0417	"	0.833		111	12-138				
2-Methylphenol	0.776	0.0417	"	0.833		93.2	10-136				
2-Nitroaniline	0.934	0.0833	"	0.833		112	27-132				
2-Nitrophenol	0.932	0.0417	"	0.833		112	17-129				
3- & 4-Methylphenols	0.702	0.0417	"	0.833		84.3	29-103				
3,3-Dichlorobenzidine	0.818	0.0417	"	0.833		98.2	22-149				
3-Nitroaniline	0.805	0.0833	"	0.833		96.6	20-133				
4,6-Dinitro-2-methylphenol	0.858	0.0833	"	0.833		103	10-143				
4-Bromophenyl phenyl ether	0.799	0.0417	"	0.833		95.9	29-120				
4-Chloro-3-methylphenol	0.967	0.0417	"	0.833		116	24-129				
4-Chloroaniline	0.678	0.0417	"	0.833		81.3	10-132				
4-Chlorophenyl phenyl ether	0.864	0.0417	"	0.833		104	27-124				
4-Nitroaniline	0.922	0.0833	"	0.833		111	16-128				
4-Nitrophenol	1.04	0.0833	"	0.833		125	10-141				
Acenaphthene	0.884	0.0417	"	0.833		106	30-121				
Acenaphthylene	0.809	0.0417	"	0.833		97.0	30-115				
Acetophenone	0.749	0.0417	"	0.833		89.9	20-112				
Aniline	0.565	0.167	"	0.833		67.8	10-119				
Anthracene	0.909	0.0417	"	0.833		109	34-118				
Atrazine	0.837	0.0417	"	0.833		100	26-112				
Benzaldehyde	0.791	0.0417	"	0.833		94.9	21-100				
Benzo(a)anthracene	1.02	0.0417	"	0.833		122	32-122				
Benzo(a)pyrene	1.01	0.0417	"	0.833		122	29-133				
Benzo(b)fluoranthene	0.924	0.0417	"	0.833		111	25-133				
Benzo(g,h,i)perylene	0.977	0.0417	"	0.833		117	10-143				
Benzo(k)fluoranthene	0.960	0.0417	"	0.833		115	25-128				
Benzoic acid	0.839	0.0417	"	0.967		86.8	10-140				
Benzyl alcohol	0.752	0.0417	"	0.833		90.3	30-115				
Benzyl butyl phthalate	1.11	0.0417	"	0.833		133	26-126	High Bias			
Bis(2-chloroethoxy)methane	0.962	0.0417	"	0.833		115	19-132				
Bis(2-chloroethyl)ether	0.748	0.0417	"	0.833		89.7	19-125				
Bis(2-chloroisopropyl)ether	0.876	0.0417	"	0.833		105	20-135				
Bis(2-ethylhexyl)phthalate	1.07	0.0417	"	0.833		129	10-155				
Caprolactam	0.841	0.0833	"	0.833		101	10-127				
Carbazole	0.779	0.0417	"	0.833		93.5	35-123				
Chrysene	0.917	0.0417	"	0.833		110	32-123				
Dibenzo(a,h)anthracene	0.966	0.0417	"	0.833		116	10-136				
Dibenzofuran	0.840	0.0417	"	0.833		101	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
LCS (BA80439-BS1)									Prepared & Analyzed: 01/12/2018		
Diethyl phthalate	0.863	0.0417	mg/kg wet	0.833		104	34-116				
Dimethyl phthalate	0.839	0.0417	"	0.833		101	35-124				
Di-n-butyl phthalate	0.899	0.0417	"	0.833		108	31-116				
Di-n-octyl phthalate	1.03	0.0417	"	0.833		124	26-136				
Diphenylamine	0.970	0.0833	"	0.833		116	40-140				
Fluoranthene	0.920	0.0417	"	0.833		110	33-122				
Fluorene	0.895	0.0417	"	0.833		107	29-123				
Hexachlorobenzene	0.686	0.0417	"	0.833		82.3	21-124				
Hexachlorobutadiene	0.683	0.0417	"	0.833		82.0	10-149				
Hexachlorocyclopentadiene	0.695	0.0417	"	0.833		83.4	10-129				
Hexachloroethane	0.583	0.0417	"	0.833		69.9	28-108				
Indeno(1,2,3-cd)pyrene	0.971	0.0417	"	0.833		117	10-135				
Isophorone	0.783	0.0417	"	0.833		93.9	20-132				
Naphthalene	0.887	0.0417	"	0.833		106	23-124				
Nitrobenzene	0.760	0.0417	"	0.833		91.2	13-132				
N-Nitrosodimethylamine	0.735	0.0417	"	0.833		88.2	11-129				
N-nitroso-di-n-propylamine	0.718	0.0417	"	0.833		86.2	24-119				
N-Nitrosodiphenylamine	1.00	0.0417	"	0.833		120	22-152				
Pentachlorophenol	0.979	0.0417	"	0.833		118	10-139				
Phenanthrene	0.928	0.0417	"	0.833		111	33-123				
Phenol	0.802	0.0417	"	0.833		96.3	23-115				
Pyrene	1.03	0.0417	"	0.833		124	32-130				
Pyridine	0.582	0.167	"	0.833		69.9	10-91				
Surrogate: 2-Fluorophenol	*2.25*		"	*2.52*		*89.4*	*20-108*				
Surrogate: Phenol-d5	*2.43*		"	*2.55*		*95.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.84*		"	*1.69*		*109*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.63*		"	*1.83*		*89.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.75*		"	*2.53*		*108*	*19-110*				
Surrogate: Terphenyl-d14	*1.41*		"	*1.77*		*80.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BA80442 - EPA 3510C

Blank (BA80442-BLK1) Prepared: 01/12/2018 Analyzed: 01/15/2018

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	50.0	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80442 - EPA 3510C											
Blank (BA80442-BLK1)											Prepared: 01/12/2018 Analyzed: 01/15/2018
Surrogate: 2-Fluorophenol	*22.9*		*ug/L*	*76.4*		*30.0*	*19.7-63.1*				
Surrogate: Phenol-d5	*15.2*		*"*	*77.7*		*19.6*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*38.9*		*"*	*54.4*		*71.5*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*35.4*		*"*	*52.7*		*67.3*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*74.0*		*"*	*77.6*		*95.4*	*39.3-151*				
Surrogate: Terphenyl-d14	*34.3*		*"*	*50.6*		*67.8*	*30.7-106*				
Blank (BA80442-BLK2)											Prepared: 01/12/2018 Analyzed: 01/15/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

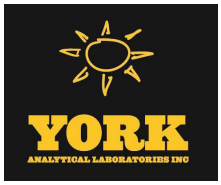
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80442 - EPA 3510C											
LCS (BA80442-BS1)								Prepared: 01/12/2018 Analyzed: 01/15/2018			
1,1-Biphenyl	16.4	5.00	ug/L	25.0		65.4	33-95				
1,2,4,5-Tetrachlorobenzene	15.7	5.00	"	25.0		62.6	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	16.2	5.00	"	25.0		65.0	16-141				
2,3,4,6-Tetrachlorophenol	16.1	5.00	"	25.0		64.4	30-130				
2,4,5-Trichlorophenol	17.1	5.00	"	25.0		68.5	32-114				
2,4,6-Trichlorophenol	16.7	5.00	"	25.0		66.8	35-118				
2,4-Dichlorophenol	17.9	5.00	"	25.0		71.7	25-116				
2,4-Dimethylphenol	17.6	5.00	"	25.0		70.4	15-116				
2,4-Dinitrophenol	21.0	5.00	"	25.0		84.1	10-170				
2,4-Dinitrotoluene	17.0	5.00	"	25.0		68.0	41-128				
2,6-Dinitrotoluene	16.9	5.00	"	25.0		67.6	45-116				
2-Chloronaphthalene	13.4	5.00	"	25.0		53.6	33-112				
2-Chlorophenol	14.9	5.00	"	25.0		59.6	15-120				
2-Methylnaphthalene	19.1	5.00	"	25.0		76.4	24-118				
2-Methylphenol	13.0	5.00	"	25.0		52.2	10-110				
2-Nitroaniline	17.9	5.00	"	25.0		71.5	34-129				
2-Nitrophenol	18.6	5.00	"	25.0		74.5	28-118				
3- & 4-Methylphenols	11.2	5.00	"	25.0		44.6	10-107				
3,3-Dichlorobenzidine	15.8	5.00	"	25.0		63.1	15-187				
3-Nitroaniline	16.5	5.00	"	25.0		65.8	24-134				
4,6-Dinitro-2-methylphenol	19.9	5.00	"	25.0		79.8	10-153				
4-Bromophenyl phenyl ether	19.7	5.00	"	25.0		78.7	34-120				
4-Chloro-3-methylphenol	19.5	5.00	"	25.0		78.2	20-120				
4-Chloroaniline	14.7	5.00	"	25.0		58.9	10-147				
4-Chlorophenyl phenyl ether	17.1	5.00	"	25.0		68.2	27-121				
4-Nitroaniline	17.5	5.00	"	25.0		70.2	13-134				
4-Nitrophenol	7.34	5.00	"	25.0		29.4	10-131				
Acetophenone	18.2	5.00	"	25.0		72.8	25-110				
Aniline	10.5	5.00	"	25.0		41.9	10-117				
Benzaldehyde	18.6	5.00	"	25.0		74.3	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	11.8	5.00	"	25.0		47.2	10-117				
Benzyl butyl phthalate	23.5	5.00	"	25.0		94.1	29-133				
Bis(2-chloroethoxy)methane	19.2	5.00	"	25.0		76.6	10-154				
Bis(2-chloroethyl)ether	16.1	5.00	"	25.0		64.4	17-125				
Bis(2-chloroisopropyl)ether	19.7	5.00	"	25.0		79.0	10-139				
Caprolactam	3.51	5.00	"	25.0		14.0	10-137				
Carbazole	15.7	5.00	"	25.0		62.8	42-126				
Dibenzofuran	16.6	5.00	"	25.0		66.3	36-113				
Diethyl phthalate	17.5	5.00	"	25.0		70.1	38-115				
Dimethyl phthalate	17.0	5.00	"	25.0		68.2	38-129				
Di-n-butyl phthalate	19.5	5.00	"	25.0		78.2	31-120				
Di-n-octyl phthalate	22.9	5.00	"	25.0		91.5	21-149				
Diphenylamine	22.6	5.00	"	25.0		90.5	40-140				
Hexachlorocyclopentadiene	12.2	10.0	"	25.0		48.9	10-130				
Isophorone	16.2	5.00	"	25.0		64.8	25-127				
N-nitroso-di-n-propylamine	16.6	5.00	"	25.0		66.5	26-122				
N-Nitrosodiphenylamine	23.3	5.00	"	25.0		93.2	23-149				
Phenol	5.86	5.00	"	25.0		23.4	10-110				
Pyridine	4.74	5.00	"	25.0		19.0	10-90				
Surrogate: 2-Fluorophenol	*23.5*		*"*	*76.4*		*30.8*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80442 - EPA 3510C											
LCS (BA80442-BS1)								Prepared: 01/12/2018 Analyzed: 01/15/2018			
Surrogate: Phenol-d5	*16.5*		*ug/L*	*77.7*		*21.2*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*37.2*		*"*	*54.4*		*68.4*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*32.9*		*"*	*52.7*		*62.4*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*68.7*		*"*	*77.6*		*88.5*	*39.3-151*				
Surrogate: Terphenyl-d14	*31.1*		*"*	*50.6*		*61.5*	*30.7-106*				
LCS (BA80442-BS2)								Prepared: 01/12/2018 Analyzed: 01/15/2018			
Acenaphthene	0.590	0.0500	ug/L	1.00		59.0	25-116				
Acenaphthylene	0.580	0.0500	"	1.00		58.0	26-116				
Anthracene	0.570	0.0500	"	1.00		57.0	25-123				
Benzo(a)anthracene	0.680	0.0500	"	1.00		68.0	33-125				
Benzo(a)pyrene	0.740	0.0500	"	1.00		74.0	32-132				
Benzo(b)fluoranthene	0.660	0.0500	"	1.00		66.0	22-137				
Benzo(g,h,i)perylene	0.830	0.0500	"	1.00		83.0	10-138				
Benzo(k)fluoranthene	0.640	0.0500	"	1.00		64.0	20-137				
Bis(2-ethylhexyl)phthalate	0.940	0.500	"	1.00		94.0	10-189				
Chrysene	0.630	0.0500	"	1.00		63.0	32-124				
Dibenzo(a,h)anthracene	0.840	0.0500	"	1.00		84.0	16-133				
Fluoranthene	0.660	0.0500	"	1.00		66.0	32-121				
Fluorene	0.760	0.0500	"	1.00		76.0	28-118				
Hexachlorobenzene	0.540	0.0200	"	1.00		54.0	23-124				
Hexachlorobutadiene	0.450	0.200	"	1.00		45.0	15-123				
Hexachloroethane	0.490	0.200	"	1.00		49.0	18-115				
Indeno(1,2,3-cd)pyrene	0.780	0.0500	"	1.00		78.0	15-135				
Naphthalene	0.570	0.0500	"	1.00		57.0	18-120				
Nitrobenzene	1.32	0.250	"	1.00		132	21-121	High Bias			
N-Nitrosodimethylamine	0.230	0.200	"	1.00		23.0	10-124				
Pentachlorophenol	0.550	0.250	"	1.00		55.0	10-156				
Phenanthrene	0.550	0.0500	"	1.00		55.0	24-127				
Pyrene	0.640	0.0500	"	1.00		64.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80442 - EPA 3510C											
LCS Dup (BA80442-BSD1)								Prepared: 01/12/2018 Analyzed: 01/15/2018			
1,1-Biphenyl	15.4	5.00	ug/L	25.0		61.6	33-95		6.05	20	
1,2,4,5-Tetrachlorobenzene	14.6	5.00	"	25.0		58.6	26-120		6.66	20	
1,2-Diphenylhydrazine (as Azobenzene)	15.4	5.00	"	25.0		61.7	16-141		5.12	20	
2,3,4,6-Tetrachlorophenol	15.2	5.00	"	25.0		60.7	30-130		5.94	20	
2,4,5-Trichlorophenol	16.1	5.00	"	25.0		64.4	32-114		6.20	20	
2,4,6-Trichlorophenol	16.0	5.00	"	25.0		64.2	35-118		4.03	20	
2,4-Dichlorophenol	16.7	5.00	"	25.0		66.8	25-116		7.05	20	
2,4-Dimethylphenol	16.5	5.00	"	25.0		65.9	15-116		6.57	20	
2,4-Dinitrophenol	20.6	5.00	"	25.0		82.4	10-170		2.07	20	
2,4-Dinitrotoluene	16.1	5.00	"	25.0		64.4	41-128		5.43	20	
2,6-Dinitrotoluene	16.4	5.00	"	25.0		65.7	45-116		2.88	20	
2-Chloronaphthalene	12.5	5.00	"	25.0		50.1	33-112		6.72	20	
2-Chlorophenol	14.6	5.00	"	25.0		58.5	15-120		1.83	20	
2-Methylnaphthalene	18.3	5.00	"	25.0		73.1	24-118		4.39	20	
2-Methylphenol	12.9	5.00	"	25.0		51.6	10-110		1.16	20	
2-Nitroaniline	17.2	5.00	"	25.0		68.6	34-129		4.11	20	
2-Nitrophenol	17.9	5.00	"	25.0		71.7	28-118		3.78	20	
3- & 4-Methylphenols	10.5	5.00	"	25.0		42.0	10-107		6.10	20	
3,3-Dichlorobenzidine	16.2	5.00	"	25.0		64.7	15-187		2.50	20	
3-Nitroaniline	16.0	5.00	"	25.0		63.9	24-134		3.02	20	
4,6-Dinitro-2-methylphenol	19.3	5.00	"	25.0		77.1	10-153		3.42	20	
4-Bromophenyl phenyl ether	18.4	5.00	"	25.0		73.4	34-120		6.94	20	
4-Chloro-3-methylphenol	17.8	5.00	"	25.0		71.2	20-120		9.38	20	
4-Chloroaniline	14.2	5.00	"	25.0		56.8	10-147		3.66	20	
4-Chlorophenyl phenyl ether	16.0	5.00	"	25.0		63.8	27-121		6.73	20	
4-Nitroaniline	16.8	5.00	"	25.0		67.2	13-134		4.31	20	
4-Nitrophenol	7.59	5.00	"	25.0		30.4	10-131		3.35	20	
Acetophenone	17.9	5.00	"	25.0		71.7	25-110		1.55	20	
Aniline	9.55	5.00	"	25.0		38.2	10-117		9.19	20	
Benzaldehyde	17.6	5.00	"	25.0		70.2	29-117		5.64	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	10.7	5.00	"	25.0		42.8	10-117		9.79	20	
Benzyl butyl phthalate	22.8	5.00	"	25.0		91.2	29-133		3.15	20	
Bis(2-chloroethoxy)methane	18.1	5.00	"	25.0		72.4	10-154		5.64	20	
Bis(2-chloroethyl)ether	16.1	5.00	"	25.0		64.3	17-125		0.186	20	
Bis(2-chloroisopropyl)ether	19.1	5.00	"	25.0		76.3	10-139		3.45	20	
Caprolactam	3.38	5.00	"	25.0		13.5	10-137		3.77	20	
Carbazole	15.4	5.00	"	25.0		61.6	42-126		1.87	20	
Dibenzofuran	15.5	5.00	"	25.0		62.1	36-113		6.60	20	
Diethyl phthalate	16.7	5.00	"	25.0		66.9	38-115		4.61	20	
Dimethyl phthalate	16.2	5.00	"	25.0		64.9	38-129		4.93	20	
Di-n-butyl phthalate	18.6	5.00	"	25.0		74.5	31-120		4.82	20	
Di-n-octyl phthalate	22.4	5.00	"	25.0		89.8	21-149		1.94	20	
Diphenylamine	21.3	5.00	"	25.0		85.3	40-140		5.91	20	
Hexachlorocyclopentadiene	11.6	10.0	"	25.0		46.2	10-130		5.64	20	
Isophorone	15.3	5.00	"	25.0		61.1	25-127		5.97	20	
N-nitroso-di-n-propylamine	16.1	5.00	"	25.0		64.3	26-122		3.36	20	
N-Nitrosodiphenylamine	21.8	5.00	"	25.0		87.2	23-149		6.61	20	
Phenol	5.56	5.00	"	25.0		22.2	10-110		5.25	20	
Pyridine	4.63	5.00	"	25.0		18.5	10-90		2.35	20	
Surrogate: 2-Fluorophenol	*24.2*		*"*	*76.4*		*31.7*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80442 - EPA 3510C											
LCS Dup (BA80442-BSD1)											Prepared: 01/12/2018 Analyzed: 01/15/2018
Surrogate: Phenol-d5	*16.8*		*ug/L*	*77.7*		*21.7*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*37.4*		*"*	*54.4*		*68.7*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*31.9*		*"*	*52.7*		*60.6*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*66.9*		*"*	*77.6*		*86.3*	*39.3-151*				
Surrogate: Terphenyl-d14	*31.9*		*"*	*50.6*		*63.1*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80439 - EPA 3550C											
Blank (BA80439-BLK1)									Prepared & Analyzed: 01/12/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BA80442 - EPA 3510C											
Blank (BA80442-BLK1)									Prepared: 01/12/2018 Analyzed: 01/15/2018		
Tentatively Identified Compounds	0.00		ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80438 - EPA 3550C											
Blank (BA80438-BLK1)								Prepared & Analyzed: 01/12/2018			
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0622*		*"*	*0.0667*		*93.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0538*		*"*	*0.0667*		*80.7*	*30-150*				
LCS (BA80438-BS1)								Prepared & Analyzed: 01/12/2018			
4,4'-DDD	0.0455	0.000330	mg/kg wet	0.0333		137	40-140				
4,4'-DDE	0.0447	0.000330	"	0.0333		134	40-140				
4,4'-DDT	0.0450	0.000330	"	0.0333		135	40-140				
Aldrin	0.0459	0.000330	"	0.0333		138	40-140				
alpha-BHC	0.0493	0.000330	"	0.0333		148	40-140	High Bias			
alpha-Chlordane	0.0446	0.000330	"	0.0333		134	40-140				
beta-BHC	0.0445	0.000330	"	0.0333		134	40-140				
delta-BHC	0.0519	0.000330	"	0.0333		156	40-140	High Bias			
Dieldrin	0.0464	0.000330	"	0.0333		139	40-140				
Endosulfan I	0.0456	0.000330	"	0.0333		137	40-140				
Endosulfan II	0.0466	0.000330	"	0.0333		140	40-140				
Endosulfan sulfate	0.0462	0.000330	"	0.0333		139	40-140				
Endrin	0.0458	0.000330	"	0.0333		137	40-140				
Endrin aldehyde	0.0468	0.000330	"	0.0333		140	40-140				
Endrin ketone	0.0463	0.000330	"	0.0333		139	40-140				
gamma-BHC (Lindane)	0.0464	0.000330	"	0.0333		139	40-140				
gamma-Chlordane	0.0456	0.000330	"	0.0333		137	40-140				
Heptachlor	0.0451	0.000330	"	0.0333		135	40-140				
Heptachlor epoxide	0.0454	0.000330	"	0.0333		136	40-140				
Methoxychlor	0.0420	0.00165	"	0.0333		126	40-140				
Surrogate: Decachlorobiphenyl	*0.0755*		*"*	*0.0667*		*113*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0757*		*"*	*0.0667*		*114*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80487 - EPA SW846-3510C Low Level											
Blank (BA80487-BLK1)									Prepared: 01/15/2018 Analyzed: 01/16/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.203*		*"*	*0.209*		*96.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.143*		*"*	*0.202*		*70.7*	*30-150*				
LCS (BA80487-BS1)									Prepared: 01/15/2018 Analyzed: 01/16/2018		
4,4'-DDD	0.101	0.00400	ug/L	0.100		101	40-140				
4,4'-DDE	0.0910	0.00400	"	0.100		91.0	40-140				
4,4'-DDT	0.0966	0.00400	"	0.100		96.6	40-140				
Aldrin	0.0987	0.00400	"	0.100		98.7	40-140				
alpha-BHC	0.102	0.00400	"	0.100		102	40-140				
alpha-Chlordane	0.0917	0.00400	"	0.100		91.7	40-140				
beta-BHC	0.0977	0.00400	"	0.100		97.7	40-140				
delta-BHC	0.104	0.00400	"	0.100		104	40-140				
Dieldrin	0.0988	0.00200	"	0.100		98.8	40-140				
Endosulfan I	0.108	0.00400	"	0.100		108	40-140				
Endosulfan II	0.102	0.00400	"	0.100		102	40-140				
Endosulfan sulfate	0.101	0.00400	"	0.100		101	40-140				
Endrin	0.0881	0.00400	"	0.100		88.1	40-140				
Endrin aldehyde	0.0980	0.0100	"	0.100		98.0	40-140				
Endrin ketone	0.108	0.0100	"	0.100		108	40-140				
gamma-BHC (Lindane)	0.0984	0.00400	"	0.100		98.4	40-140				
gamma-Chlordane	0.0921	0.0100	"	0.100		92.1	40-140				
Heptachlor	0.0925	0.00400	"	0.100		92.5	40-140				
Heptachlor epoxide	0.0927	0.00400	"	0.100		92.7	40-140				
Methoxychlor	0.0838	0.00400	"	0.100		83.8	40-140				
Surrogate: Decachlorobiphenyl	*0.169*		*"*	*0.209*		*81.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.156*		*"*	*0.202*		*77.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80487 - EPA SW846-3510C Low Level											
LCS Dup (BA80487-BSD1)								Prepared: 01/15/2018 Analyzed: 01/16/2018			
4,4'-DDD	0.0977	0.00400	ug/L	0.100		97.7	40-140		3.03	20	
4,4'-DDE	0.0904	0.00400	"	0.100		90.4	40-140		0.650	20	
4,4'-DDT	0.0896	0.00400	"	0.100		89.6	40-140		7.57	20	
Aldrin	0.0989	0.00400	"	0.100		98.9	40-140		0.240	20	
alpha-BHC	0.102	0.00400	"	0.100		102	40-140		0.342	20	
alpha-Chlordane	0.0916	0.00400	"	0.100		91.6	40-140		0.177	20	
beta-BHC	0.0978	0.00400	"	0.100		97.8	40-140		0.0859	20	
delta-BHC	0.105	0.00400	"	0.100		105	40-140		0.325	20	
Dieldrin	0.0968	0.00200	"	0.100		96.8	40-140		2.07	20	
Endosulfan I	0.107	0.00400	"	0.100		107	40-140		0.652	20	
Endosulfan II	0.0999	0.00400	"	0.100		99.9	40-140		1.71	20	
Endosulfan sulfate	0.0985	0.00400	"	0.100		98.5	40-140		2.88	20	
Endrin	0.0890	0.00400	"	0.100		89.0	40-140		0.957	20	
Endrin aldehyde	0.0970	0.0100	"	0.100		97.0	40-140		0.979	20	
Endrin ketone	0.104	0.0100	"	0.100		104	40-140		3.62	20	
gamma-BHC (Lindane)	0.0986	0.00400	"	0.100		98.6	40-140		0.264	20	
gamma-Chlordane	0.0923	0.0100	"	0.100		92.3	40-140		0.191	20	
Heptachlor	0.0928	0.00400	"	0.100		92.8	40-140		0.362	20	
Heptachlor epoxide	0.0931	0.00400	"	0.100		93.1	40-140		0.377	20	
Methoxychlor	0.0813	0.00400	"	0.100		81.3	40-140		2.98	20	
Surrogate: Decachlorobiphenyl	*0.174*		*"*	*0.209*		*83.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.138*		*"*	*0.202*		*68.4*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8A1501 - BL70213											
Performance Mix (Y8A1501-PEM1)								Prepared & Analyzed: 01/12/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.542		"	0.00			0-200				
4,4'-DDT	124		"	200		61.9	0-200				
Endrin	94.9		"	100		94.9	0-200				
Endrin aldehyde	0.787		"	0.00			0-200				
Endrin ketone	5.20		"	0.00			0-200				
Performance Mix (Y8A1501-PEM2)								Prepared & Analyzed: 01/12/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.598		"	0.00			0-200				
4,4'-DDT	111		"	200		55.7	0-200				
Endrin	90.9		"	100		90.9	0-200				
Endrin aldehyde	0.756		"	0.00			0-200				
Endrin ketone	5.41		"	0.00			0-200				
Performance Mix (Y8A1501-PEM3)								Prepared & Analyzed: 01/12/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.609		"	0.00			0-200				
4,4'-DDT	119		"	200		59.4	0-200				
Endrin	96.4		"	100		96.4	0-200				
Endrin aldehyde	0.793		"	0.00			0-200				
Endrin ketone	4.39		"	0.00			0-200				
Batch Y8A1601 - BL70213											
Performance Mix (Y8A1601-PEM1)								Prepared & Analyzed: 01/15/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.600		"	0.00			0-200				
4,4'-DDT	93.2		"	200		46.6	0-200				
Endrin	80.3		"	100		80.3	0-200				
Endrin aldehyde	0.801		"	0.00			0-200				
Endrin ketone	5.57		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8A1601 - BL70213											
Performance Mix (Y8A1601-PEM2)							Prepared & Analyzed: 01/15/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.498		"	0.00			0-200				
4,4'-DDT	101		"	200		50.5	0-200				
Endrin	68.9		"	100		68.9	0-200				
Endrin aldehyde	3.54		"	0.00			0-200				
Endrin ketone	5.99		"	0.00			0-200				
Batch Y8A1701 - BL70213											
Performance Mix (Y8A1701-PEM1)							Prepared & Analyzed: 01/16/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.423		"	0.00			0-200				
4,4'-DDT	98.5		"	200		49.3	0-200				
Endrin	72.3		"	100		72.3	0-200				
Endrin aldehyde	1.83		"	0.00			0-200				
Endrin ketone	5.45		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80438 - EPA 3550C											
Blank (BA80438-BLK2)								Prepared & Analyzed: 01/12/2018			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0643*		*"*	*0.0667*		*96.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0570*		*"*	*0.0667*		*85.5*	*30-140*				
LCS (BA80438-BS2)								Prepared & Analyzed: 01/12/2018			
Aroclor 1016	0.314	0.0167	mg/kg wet	0.333		94.3	40-130				
Aroclor 1260	0.303	0.0167	"	0.333		90.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0517*		*"*	*0.0667*		*77.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0473*		*"*	*0.0667*		*71.0*	*30-140*				
Batch BA80487 - EPA SW846-3510C Low Level											
Blank (BA80487-BLK2)								Prepared & Analyzed: 01/15/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.144*		*"*	*0.202*		*71.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.127*		*"*	*0.209*		*60.8*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80487 - EPA SW846-3510C Low Level											
LCS (BA80487-BS2)								Prepared & Analyzed: 01/15/2018			
Aroclor 1016	0.808	0.0500	ug/L	1.00		80.8	40-120				
Aroclor 1260	0.949	0.0500	"	1.00		94.9	40-120				
Surrogate: Tetrachloro-m-xylene	*0.136*		*"*	*0.202*		*67.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.143*		*"*	*0.209*		*68.4*	*30-120*				
LCS Dup (BA80487-BSD2)								Prepared & Analyzed: 01/15/2018			
Aroclor 1016	0.851	0.0500	ug/L	1.00		85.1	40-120		5.14	30	
Aroclor 1260	1.01	0.0500	"	1.00		101	40-120		5.77	30	
Surrogate: Tetrachloro-m-xylene	*0.145*		*"*	*0.202*		*71.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.138*		*"*	*0.209*		*66.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80484 - EPA 3550B/8151A											
Blank (BA80484-BLK1)								Prepared & Analyzed: 01/15/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.591*		*"*	*0.500*		*118*	*30-150*				
LCS (BA80484-BS1)								Prepared & Analyzed: 01/15/2018			
2,4,5-T	0.114	0.0200	mg/kg wet	0.160		71.2	40-140				
2,4,5-TP (Silvex)	0.125	0.0200	"	0.160		78.1	40-140				
2,4-D	0.113	0.0200	"	0.160		70.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.551*		*"*	*0.500*		*110*	*30-150*				
Batch BA80659 - EPA 3535A											
Blank (BA80659-BLK1)								Prepared & Analyzed: 01/18/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*163*		*"*	*125*		*130*	*30-150*				
LCS (BA80659-BS1)								Prepared & Analyzed: 01/18/2018			
2,4,5-T	28.8	5.00	ug/L	40.0		71.9	40-140				
2,4,5-TP (Silvex)	31.8	5.00	"	40.0		79.4	40-140				
2,4-D	31.5	5.00	"	40.0		78.8	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*135*		*"*	*125*		*108*	*30-150*				
LCS Dup (BA80659-BSD1)								Prepared & Analyzed: 01/18/2018			
2,4,5-T	31.0	5.00	ug/L	40.0		77.5	40-140		7.53	30	
2,4,5-TP (Silvex)	34.0	5.00	"	40.0		85.0	40-140		6.84	30	
2,4-D	31.0	5.00	"	40.0		77.5	40-140		1.60	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*144*		*"*	*125*		*115*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80448 - EPA 3050B											
Blank (BA80448-BLK1)											Prepared & Analyzed: 01/18/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA80448-SRM1)											Prepared: 01/12/2018 Analyzed: 01/18/2018
Aluminum	7550	5.00	mg/kg wet	8090		93.4	49.8-149.6				
Antimony	84.9	0.500	"	99.3		85.4	0.5-207.5				
Arsenic	101	1.00	"	100		101	80.9-120				
Barium	224	1.00	"	217		103	81.6-118.4				
Beryllium	151	0.100	"	147		103	81.6-119.1				
Cadmium	81.2	0.300	"	83.7		97.1	81.2-118.9				
Calcium	6020	5.00	"	6010		100	80.9-119				
Chromium	103	0.500	"	107		96.4	77.5-121.5				
Cobalt	129	0.500	"	123		105	82.1-117.9				
Copper	181	0.500	"	166		109	80.7-118.7				
Iron	13000	2.00	"	14600		89.3	45.1-154.8				
Lead	87.0	0.500	"	88.4		98.4	81.2-118.8				
Magnesium	2860	5.00	"	2930		97.5	74.7-125.3				
Manganese	337	0.500	"	311		108	80.1-119.9				
Nickel	56.6	0.500	"	49.8		114	80.9-118.9				
Potassium	2530	5.00	"	2620		96.5	69.1-130.9				
Selenium	91.3	1.00	"	87.7		104	76.1-124.3				
Silver	40.2	0.500	"	41.4		97.2	73.7-126.1				
Sodium	233	10.0	"	252		92.3	69.1-131.4				
Thallium	53.9	1.00	"	58.1		92.7	77.6-122.6				
Vanadium	138	1.00	"	140		98.4	76.4-122.9				
Zinc	146	1.50	"	145		101	82.1-117.9				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80562 - EPA 3015A											
Blank (BA80562-BLK1)										Prepared & Analyzed: 01/18/2018	
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.00556	"								
Iron	ND	0.0222	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Duplicate (BA80562-DUP1)	*Source sample: 18A0314-02 (EBFB01_011118)									Prepared & Analyzed: 01/18/2018	
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	ND	0.0111	"		ND					20	
Calcium	ND	0.0556	"		ND					20	
Chromium	ND	0.00556	"		ND					20	
Copper	ND	0.00556	"		ND					20	
Iron	ND	0.0222	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	ND	0.0556	"		ND					20	
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.00556	"		ND					20	
Potassium	ND	0.0556	"		ND					20	
Silver	ND	0.00556	"		ND					20	
Sodium	ND	0.111	"		ND					20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0167	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80562 - EPA 3015A											
Matrix Spike (BA80562-MS1)	*Source sample: 18A0314-02 (EBFB01_011118)							Prepared & Analyzed: 01/18/2018			
Barium	2.37	0.0111	mg/L	2.22	ND	107	75-125				
Chromium	0.220	0.00556	"	0.222	ND	98.9	75-125				
Copper	0.289	0.00556	"	0.278	ND	104	75-125				
Iron	1.13	0.0222	"	1.11	ND	102	75-125				
Lead	0.549	0.00556	"	0.556	ND	98.7	75-125				
Manganese	0.574	0.00556	"	0.556	ND	103	75-125				
Nickel	0.558	0.00556	"	0.556	ND	101	75-125				
Silver	0.0478	0.00556	"	0.0556	ND	86.0	75-125				
Vanadium	0.549	0.0111	"	0.556	ND	98.7	75-125				
Zinc	0.553	0.0167	"	0.556	ND	99.5	75-125				
Reference (BA80562-SRM1)								Prepared & Analyzed: 01/18/2018			
Aluminum	0.842		ug/mL	0.720		117	81.4-117.2				
Barium	0.513		"	0.500		103	85-115				
Calcium	30.1		"	33.0		91.3	86.5-114.3				
Chromium	0.886		"	0.860		103	85-115				
Copper	0.332		"	0.320		104	85-115				
Iron	1.41		"	1.40		101	84.9-115				
Lead	0.631		"	0.640		98.7	85-115				
Magnesium	76.3		"	80.1		95.2	86.3-114.8				
Manganese	1.09		"	1.02		107	84.9-115				
Nickel	1.83		"	1.78		103	87-113.7				
Potassium	9.60		"	10.3		93.2	84.9-115				
Silver	0.582		"	0.600		97.0	85-115				
Sodium	20.9		"	22.7		92.2	85-115				
Vanadium	1.70		"	1.66		102	85-114.9				
Zinc	1.59		"	1.62		98.2	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80560 - EPA 3015A											
Blank (BA80560-BLK1)											Prepared: 01/16/2018 Analyzed: 01/17/2018
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BA80560-BS1)											Prepared: 01/16/2018 Analyzed: 01/17/2018
Antimony	46.3		ug/L	40.0		116	80-120				
Arsenic	45.5		"	40.0		114	80-120				
Beryllium	58.9		"	40.0		147	80-120	High Bias			
Cadmium	46.0		"	40.0		115	80-120				
Selenium	42.9		"	40.0		107	80-120				
Thallium	48.1		"	40.0		120	80-120				
Duplicate (BA80560-DUP1)	*Source sample: 18A0314-02 (EBFB01_011118)										Prepared: 01/16/2018 Analyzed: 01/18/2018
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	ND	0.00111	"		ND					20	
Beryllium	ND	0.00111	"		ND					20	
Cadmium	ND	0.00111	"		ND					20	
Selenium	ND	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BA80560-MS1)	*Source sample: 18A0314-02 (EBFB01_011118)										Prepared: 01/16/2018 Analyzed: 01/18/2018
Antimony	39.5		ug/L	40.0	-0.089	98.8	75-125				
Arsenic	40.3		"	40.0	-1.38	101	75-125				
Beryllium	42.7		"	40.0	-0.043	107	75-125				
Cadmium	42.2		"	40.0	-0.311	105	75-125				
Selenium	37.6		"	40.0	-0.485	94.0	75-125				
Thallium	44.6		"	40.0	-0.333	112	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80446 - EPA 7473 soil											
Blank (BA80446-BLK1)								Prepared & Analyzed: 01/12/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA80446-SRM1)								Prepared & Analyzed: 01/12/2018			
Mercury	13.785		mg/kg	13.8		99.9	57.1-143.5				
Batch BA80628 - EPA 7473 water											
Blank (BA80628-BLK1)								Prepared & Analyzed: 01/17/2018			
Mercury	ND	0.00020	mg/L								
Duplicate (BA80628-DUP1)	*Source sample: 18A0314-02 (EBFB01_011118)							Prepared & Analyzed: 01/17/2018			
Mercury	ND	0.00020	mg/L		0.000200					20	
Matrix Spike (BA80628-MS1)	*Source sample: 18A0314-02 (EBFB01_011118)							Prepared & Analyzed: 01/17/2018			
Mercury	0.00190		mg/L	0.00200	0.00020	85.0	75-125				
Reference (BA80628-SRM1)								Prepared & Analyzed: 01/17/2018			
Mercury	0.00720		mg/L	0.00740		97.3	70-130				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80456 - % Solids Prep											
Duplicate (BA80456-DUP1)	*Source sample: 18A0314-03 (SB119_0-2)								Prepared & Analyzed: 01/12/2018		
% Solids	94.4	0.100	%		93.9				0.571	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80435 - EPA SW846-3060											
Blank (BA80435-BLK1)									Prepared: 01/11/2018 Analyzed: 01/12/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA80435-SRM1)									Prepared: 01/11/2018 Analyzed: 01/12/2018		
Chromium, Hexavalent	81.0		mg/L	207		39.1	25.6-116.9				
Batch BA80443 - Analysis Preparation Soil											
Blank (BA80443-BLK1)									Prepared & Analyzed: 01/12/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA80443-SRM1)									Prepared & Analyzed: 01/12/2018		
Cyanide, total	52.5		ug/mL	62.8		83.6	22.5-110				
Batch BA80465 - Analysis Preparation											
Blank (BA80465-BLK1)									Prepared & Analyzed: 01/12/2018		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA80465-BS1)									Prepared & Analyzed: 01/12/2018		
Chromium, Hexavalent	0.490	0.0100	mg/L	0.500		98.0	80-120				
Duplicate (BA80465-DUP1)	*Source sample: 18A0314-02 (EBFB01_011118)								Prepared & Analyzed: 01/12/2018		
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA80465-MS1)	*Source sample: 18A0314-02 (EBFB01_011118)								Prepared & Analyzed: 01/12/2018		
Chromium, Hexavalent	0.500	0.0100	mg/L	0.500	ND	100	75-125				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80506 - Analysis Preparation											
Blank (BA80506-BLK1)									Prepared & Analyzed: 01/15/2018		
Cyanide, total	ND	0.0100	mg/L								
LCS (BA80506-BS1)									Prepared & Analyzed: 01/15/2018		
Cyanide, total	0.167	0.0100	mg/L	0.200		83.5	76.2-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0314-01	EBTB01_011118	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18A0314-02	EBFB01_011118	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18A0314-03	SB119_0-2	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-05	The extraction batch LCS slightly exceeded the upper control limit for this analyte. The sample result may be biased slightly high.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0314

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST 8TH FL
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
EBTB01_011118	01/11/18 NA	S	TCL+30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, Cr^{+6}, Cr^{+3}, CN	2 40 mL
EBFB01_011118	01/11 NB	S	TCL+30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, Cr^{+6}, Cr^{+3}, CN	
SB119_0-2	01/11/18 1200	S	TCL+30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, Cr^{+6}, Cr^{+3}, CN	4 40mL, 2 8oz
SB119_10-12	01/11/18 1205	S	TCL+30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals – HOLD Cr^{+6}, Cr^{+3}, CN	4 40mL, 2 8oz

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

	Date/Time		Date/Time
Samples Relinquished By	01/11/18	Samples Received By	1/11/18 4:00
Samples Relinquished By		Samples Received in LAB by	1/11/18 2020

Temperature on Receipt 3.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/18/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0315

Report Date: 01/18/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0315

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 11, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0315-01	SVP123_011118	Soil Vapor	01/11/2018	01/11/2018
18A0315-02	SVP124_011118	Soil Vapor	01/11/2018	01/11/2018
18A0315-03	AA124_011118	Outdoor Ambient Ai	01/11/2018	01/11/2018

General Notes for York Project (SDG) No.: 18A0315

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

Approved By:

Date: 01/18/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SVP123_011118 **York Sample ID:** 18A0315-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Soil Vapor	January 11, 2018 3:00 pm	01/11/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.473	EPA TO-15 Certifications:	01/12/2018 17:26	01/12/2018 17:26	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.80	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.80	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**14**		ug/m³	0.72	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.89	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.60	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.68	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**4.1**		ug/m³	0.72	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
106-99-0	**1,3-Butadiene**	**3.2**		ug/m³	0.98	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.89	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.68	1.473	EPA TO-15 Certifications:	01/12/2018 17:26	01/12/2018 17:26	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.89	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS
78-93-3	**2-Butanone**	**61**		ug/m³	0.43	1.473	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/12/2018 17:26	01/12/2018 17:26	LDS

Sample Information

Client Sample ID: SVP123_011118 **York Sample ID:** 18A0315-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Soil Vapor	January 11, 2018 3:00 pm	01/11/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**28**		ug/m³	1.2	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**6.1**		ug/m³	0.60	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**25**		ug/m³	0.70	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.32	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**5.0**		ug/m³	0.47	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.76	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.5	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.57	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**74**		ug/m³	0.46	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.28**		ug/m³	0.23	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.68	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.39	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**12**		ug/m³	0.72	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.30	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.18**		ug/m³	0.15	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**2.0**		ug/m³	0.51	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.73	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP123_011118 **York Sample ID:** 18A0315-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Soil Vapor	January 11, 2018 3:00 pm	01/11/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**12**		ug/m³	0.64	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**2.2**		ug/m³	0.72	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.60	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**2.5**		ug/m³	1.0	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**7.4**		ug/m³	0.60	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**9.5**		ug/m³	0.52	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**13**		ug/m³	0.64	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**45**		ug/m³	1.3	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**17**		ug/m³	0.72	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:			
115-07-1	*** Propylene**	**26**		ug/m³	0.25	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.63	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**13**		ug/m³	0.25	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**5.9**		ug/m³	0.87	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:			
108-88-3	**Toluene**	**62**		ug/m³	0.56	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.58	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**7.0**		ug/m³	0.20	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.83	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.52	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.64	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP123_011118 **York Sample ID:** 18A0315-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Soil Vapor	January 11, 2018 3:00 pm	01/11/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.094	1.473	EPA TO-15	01/12/2018 17:26	01/12/2018 17:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.4 %*	*70-130*

Sample Information

Client Sample ID: SVP124_011118 **York Sample ID:** 18A0315-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Soil Vapor	January 11, 2018 3:00 pm	01/11/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.80	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.80	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.59	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.14	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.1	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**42**	IS-LO	ug/m³	0.72	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	0.88	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.59	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.67	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**13**	IS-LO	ug/m³	0.72	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.97	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	0.88	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.67	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	0.88	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.0	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**81**		ug/m³	0.43	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP124_011118 **York Sample ID:** 18A0315-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Soil Vapor	January 11, 2018 3:00 pm	01/11/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.60	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**280**		ug/m³	6.9	14.57	EPA TO-15	01/15/2018 14:22	01/15/2018 14:22	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.32	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**6.6**		ug/m³	0.47	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.75	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.98	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.5	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.57	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**70**		ug/m³	0.45	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.27**		ug/m³	0.23	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	**Chlorobenzene**	**120**	IS-LO	ug/m³	0.67	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.38	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**2.2**		ug/m³	0.71	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.30	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.35**		ug/m³	0.14	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.66	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**5.7**		ug/m³	0.50	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.2	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.72	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.2**		ug/m³	1.0	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**310**	IS-LO	ug/m³	6.3	14.57	EPA TO-15	01/15/2018 14:22	01/15/2018 14:22	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP124_011118 **York Sample ID:** 18A0315-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Soil Vapor	January 11, 2018 3:00 pm	01/11/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.6	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**3.2**		ug/m³	0.72	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.60	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**5.0**		ug/m³	1.0	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**17**		ug/m³	0.60	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**16**		ug/m³	0.51	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**360**	IS-LO	ug/m³	6.3	14.57	EPA TO-15	01/15/2018 14:22	01/15/2018 14:22	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1100**	IS-LO	ug/m³	13	14.57	EPA TO-15	01/15/2018 14:22	01/15/2018 14:22	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**59**	IS-LO	ug/m³	0.72	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:			
115-07-1	*** Propylene**	**22**		ug/m³	0.25	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:			
100-42-5	Styrene	ND	IS-LO	ug/m³	0.62	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**8.7**		ug/m³	0.25	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.86	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:			
108-88-3	**Toluene**	**5500**		ug/m³	22	58.28	EPA TO-15	01/16/2018 14:38	01/16/2018 14:38	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.58	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.66	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**1.2**		ug/m³	0.20	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.82	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.51	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.64	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.093	1.457	EPA TO-15	01/12/2018 18:32	01/12/2018 18:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP124_011118 **York Sample ID:** 18A0315-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Soil Vapor	January 11, 2018 3:00 pm	01/11/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*		*70-130*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*158 %*	S-08	*70-130*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*244 %*	S-04	*70-130*						

Sample Information

Client Sample ID: AA124_011118 **York Sample ID:** 18A0315-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Outdoor Ambient Air	January 11, 2018 3:00 pm	01/11/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.79**		ug/m³	0.26	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**0.26**		ug/m³	0.26	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.97**		ug/m³	0.16	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:			

Sample Information

Client Sample ID: AA124_011118 **York Sample ID:** 18A0315-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Outdoor Ambient Air	January 11, 2018 3:00 pm	01/11/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**0.41**		ug/m³	0.22	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**4.8**		ug/m³	0.25	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.2**		ug/m³	0.17	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.084	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.26	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.77**		ug/m³	0.11	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.40**		ug/m³	0.18	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.26	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**0.81**		ug/m³	0.38	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.72**		ug/m³	0.23	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA124_011118 **York Sample ID:** 18A0315-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Outdoor Ambient Air	January 11, 2018 3:00 pm	01/11/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**6.1**		ug/m³	0.26	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**1.4**		ug/m³	0.22	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**4.3**		ug/m³	0.37	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.57**		ug/m³	0.22	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.0**		ug/m³	0.19	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.86**		ug/m³	0.23	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**2.6**		ug/m³	0.46	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**0.73**		ug/m³	0.26	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:			
115-07-1	*** Propylene**	**1.3**		ug/m³	0.092	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:			
100-42-5	**Styrene**	**0.23**		ug/m³	0.23	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**1.4**		ug/m³	0.090	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**0.66**		ug/m³	0.31	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:			
108-88-3	**Toluene**	**4.2**		ug/m³	0.20	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.086**		ug/m³	0.072	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.90**		ug/m³	0.30	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	01/12/2018 19:41	01/12/2018 19:41	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA124_011118 **York Sample ID:** 18A0315-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0315	170384501	Outdoor Ambient Air	January 11, 2018 3:00 pm	01/11/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*		*70-130*						

Analytical Batch Summary

Batch ID: BA80519 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0315-01	SVP123_011118	01/12/18
18A0315-02	SVP124_011118	01/12/18
18A0315-03	AA124_011118	01/12/18
BA80519-BLK1	Blank	01/12/18
BA80519-BS1	LCS	01/12/18
BA80519-DUP1	Duplicate	01/12/18

Batch ID: BA80520 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0315-02RE1	SVP124_011118	01/15/18
BA80520-BLK1	Blank	01/15/18
BA80520-BS1	LCS	01/15/18
BA80520-DUP1	Duplicate	01/15/18

Batch ID: BA80642 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0315-02RE2	SVP124_011118	01/16/18
BA80642-BLK1	Blank	01/16/18
BA80642-BS1	LCS	01/16/18

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80519 - EPA TO15 PREP											
Blank (BA80519-BLK1)											Prepared & Analyzed: 01/12/2018
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80519 - EPA TO15 PREP											
Blank (BA80519-BLK1)								Prepared & Analyzed: 01/12/2018			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*8.88*		*ppbv*	*10.0*		*88.8*	*70-130*				
LCS (BA80519-BS1)								Prepared & Analyzed: 01/12/2018			
1,1,1,2-Tetrachloroethane	9.06		ppbv	10.0		90.6	70-130				
1,1,1-Trichloroethane	9.80		"	10.0		98.0	70-130				
1,1,2,2-Tetrachloroethane	8.77		"	10.0		87.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.75		"	10.0		97.5	70-130				
1,1,2-Trichloroethane	8.20		"	10.0		82.0	70-130				
1,1-Dichloroethane	8.98		"	10.0		89.8	70-130				
1,1-Dichloroethylene	8.79		"	10.0		87.9	70-130				
1,2,4-Trichlorobenzene	7.61		"	10.0		76.1	70-130				
1,2,4-Trimethylbenzene	8.82		"	10.0		88.2	70-130				
1,2-Dibromoethane	8.47		"	10.0		84.7	70-130				
1,2-Dichlorobenzene	8.74		"	10.0		87.4	70-130				
1,2-Dichloroethane	9.11		"	10.0		91.1	70-130				
1,2-Dichloropropane	7.84		"	10.0		78.4	70-130				
1,2-Dichlorotetrafluoroethane	10.6		"	10.0		106	70-130				
1,3,5-Trimethylbenzene	8.90		"	10.0		89.0	70-130				
1,3-Butadiene	11.8		"	10.0		118	70-130				
1,3-Dichlorobenzene	8.43		"	10.0		84.3	70-130				
1,3-Dichloropropane	8.13		"	10.0		81.3	70-130				
1,4-Dichlorobenzene	8.16		"	10.0		81.6	70-130				
1,4-Dioxane	7.12		"	10.0		71.2	70-130				
2-Butanone	8.05		"	10.0		80.5	70-130				
2-Hexanone	6.97		"	10.0		69.7	70-130	Low Bias			
3-Chloropropene	8.78		"	10.0		87.8	70-130				
4-Methyl-2-pentanone	7.51		"	10.0		75.1	70-130				
Acetone	7.20		"	10.0		72.0	70-130				
Acrylonitrile	8.65		"	10.0		86.5	70-130				
Benzene	8.71		"	10.0		87.1	70-130				
Benzyl chloride	8.68		"	10.0		86.8	70-130				
Bromodichloromethane	8.69		"	10.0		86.9	70-130				
Bromoform	9.60		"	10.0		96.0	70-130				
Bromomethane	9.54		"	10.0		95.4	70-130				
Carbon disulfide	9.23		"	10.0		92.3	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80519 - EPA TO15 PREP											
LCS (BA80519-BS1)								Prepared & Analyzed: 01/12/2018			
Carbon tetrachloride	10.2		ppbv	10.0		102	70-130				
Chlorobenzene	8.51		"	10.0		85.1	70-130				
Chloroethane	9.22		"	10.0		92.2	70-130				
Chloroform	9.46		"	10.0		94.6	70-130				
Chloromethane	12.9		"	10.0		129	70-130				
cis-1,2-Dichloroethylene	7.88		"	10.0		78.8	70-130				
cis-1,3-Dichloropropylene	8.80		"	10.0		88.0	70-130				
Cyclohexane	8.62		"	10.0		86.2	70-130				
Dibromochloromethane	8.87		"	10.0		88.7	70-130				
Dichlorodifluoromethane	10.5		"	10.0		105	70-130				
Ethyl acetate	8.39		"	10.0		83.9	70-130				
Ethyl Benzene	8.52		"	10.0		85.2	70-130				
Hexachlorobutadiene	9.33		"	10.0		93.3	70-130				
Isopropanol	8.20		"	10.0		82.0	70-130				
Methyl Methacrylate	8.17		"	10.0		81.7	70-130				
Methyl tert-butyl ether (MTBE)	8.50		"	10.0		85.0	70-130				
Methylene chloride	8.61		"	10.0		86.1	70-130				
n-Heptane	8.42		"	10.0		84.2	70-130				
n-Hexane	8.68		"	10.0		86.8	70-130				
o-Xylene	8.85		"	10.0		88.5	70-130				
p- & m- Xylenes	17.2		"	20.0		86.2	70-130				
p-Ethyltoluene	9.01		"	10.0		90.1	70-130				
Propylene	9.31		"	10.0		93.1	70-130				
Styrene	8.84		"	10.0		88.4	70-130				
Tetrachloroethylene	6.65		"	10.0		66.5	70-130	Low Bias			
Tetrahydrofuran	8.17		"	10.0		81.7	70-130				
Toluene	8.11		"	10.0		81.1	70-130				
trans-1,2-Dichloroethylene	8.98		"	10.0		89.8	70-130				
trans-1,3-Dichloropropylene	9.34		"	10.0		93.4	70-130				
Trichloroethylene	8.41		"	10.0		84.1	70-130				
Trichlorofluoromethane (Freon 11)	10.5		"	10.0		105	70-130				
Vinyl acetate	10.8		"	10.0		108	70-130				
Vinyl bromide	10.2		"	10.0		102	70-130				
Vinyl Chloride	11.0		"	10.0		110	70-130				
Surrogate: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*70-130*				

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

York Analytical Laboratories, Inc.

Batch BA80519 - EPA TO15 PREP

Duplicate (BA80519-DUP1) *Source sample: 18A0315-03 (AA124_011118) Prepared & Analyzed: 01/12/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	ND	0.37	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.29	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.37	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.41	"		ND					25	
1,1,2-Trichloroethane	ND	0.29	"		ND					25	
1,1-Dichloroethane	ND	0.22	"		ND					25	
1,1-Dichloroethylene	ND	0.053	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.40	"		ND					25	
1,2,4-Trimethylbenzene	0.73	0.26	"		0.79				6.90	25	
1,2-Dibromoethane	ND	0.41	"		ND					25	
1,2-Dichlorobenzene	ND	0.32	"		ND					25	
1,2-Dichloroethane	ND	0.22	"		ND					25	
1,2-Dichloropropane	ND	0.25	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.37	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.26	"		0.26					25	
1,3-Butadiene	ND	0.35	"		ND					25	
1,3-Dichlorobenzene	ND	0.32	"		ND					25	
1,3-Dichloropropane	ND	0.25	"		ND					25	
1,4-Dichlorobenzene	ND	0.32	"		ND					25	
1,4-Dioxane	ND	0.38	"		ND					25	
2-Butanone	0.88	0.16	"		0.97				10.2	25	
2-Hexanone	ND	0.44	"		ND					25	
3-Chloropropene	ND	0.83	"		ND					25	
4-Methyl-2-pentanone	0.37	0.22	"		0.41				11.1	25	
Acetone	4.1	0.25	"		4.8				14.5	25	
Acrylonitrile	ND	0.12	"		ND					25	
Benzene	1.1	0.17	"		1.2				5.88	25	
Benzyl chloride	ND	0.28	"		ND					25	
Bromodichloromethane	ND	0.36	"		ND					25	
Bromoform	ND	0.55	"		ND					25	
Bromomethane	ND	0.21	"		ND					25	
Carbon disulfide	ND	0.17	"		ND					25	
Carbon tetrachloride	0.30	0.084	"		0.34				10.5	25	
Chlorobenzene	ND	0.25	"		ND					25	
Chloroethane	ND	0.14	"		ND					25	
Chloroform	ND	0.26	"		ND					25	
Chloromethane	0.65	0.11	"		0.77				17.1	25	
cis-1,2-Dichloroethylene	ND	0.053	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Cyclohexane	0.37	0.18	"		0.40				9.52	25	
Dibromochloromethane	ND	0.45	"		ND					25	
Dichlorodifluoromethane	1.8	0.26	"		2.0				13.9	25	
Ethyl acetate	0.71	0.38	"		0.81				12.7	25	
Ethyl Benzene	0.65	0.23	"		0.72				10.2	25	
Hexachlorobutadiene	ND	0.57	"		ND					25	
Isopropanol	6.6	0.26	"		6.1				7.88	25	
Methyl Methacrylate	1.2	0.22	"		1.4				13.1	25	
Methyl tert-butyl ether (MTBE)	ND	0.19	"		ND					25	
Methylene chloride	3.9	0.37	"		4.3				8.54	25	
n-Heptane	0.52	0.22	"		0.57				8.00	25	
n-Hexane	0.92	0.19	"		1.0				7.84	25	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80519 - EPA TO15 PREP											
Duplicate (BA80519-DUP1)	*Source sample: 18A0315-03 (AA124_011118)								Prepared & Analyzed: 01/12/2018		
o-Xylene	0.76	0.23	ug/m³		0.86				11.4	25	
p- & m- Xylenes	2.4	0.46	"		2.6				8.45	25	
p-Ethyltoluene	0.71	0.26	"		0.73				3.64	25	
Propylene	1.1	0.092	"		1.3				14.7	25	
Styrene	0.23	0.23	"		0.23				0.00	25	
Tetrachloroethylene	1.3	0.090	"		1.4				5.41	25	
Tetrahydrofuran	0.60	0.31	"		0.66				10.0	25	
Toluene	3.7	0.20	"		4.2				12.1	25	
trans-1,2-Dichloroethylene	ND	0.21	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Trichloroethylene	ND	0.072	"		0.086					25	
Trichlorofluoromethane (Freon 11)	0.81	0.30	"		0.90				10.5	25	
Vinyl acetate	ND	0.19	"		ND					25	
Vinyl bromide	ND	0.23	"		ND					25	
Vinyl Chloride	ND	0.034	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.2*		*ppbv*	*10.0*		*102*	*70-130*				
Batch BA80520 - EPA TO15 PREP											
Blank (BA80520-BLK1)									Prepared & Analyzed: 01/15/2018		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80520 - EPA TO15 PREP											
Blank (BA80520-BLK1)											Prepared & Analyzed: 01/15/2018
Carbon disulfide	ND	0.31	ug/m³								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*9.88*		*ppbv*	*10.0*		*98.8*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80520 - EPA TO15 PREP											
LCS (BA80520-BS1)								Prepared & Analyzed: 01/15/2018			
1,1,1,2-Tetrachloroethane	9.33		ppbv	10.0		93.3	70-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	70-130				
1,1,2,2-Tetrachloroethane	9.34		"	10.0		93.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	7.80		"	10.0		78.0	70-130				
1,1-Dichloroethane	9.75		"	10.0		97.5	70-130				
1,1-Dichloroethylene	9.52		"	10.0		95.2	70-130				
1,2,4-Trichlorobenzene	8.71		"	10.0		87.1	70-130				
1,2,4-Trimethylbenzene	9.23		"	10.0		92.3	70-130				
1,2-Dibromoethane	8.21		"	10.0		82.1	70-130				
1,2-Dichlorobenzene	9.35		"	10.0		93.5	70-130				
1,2-Dichloroethane	9.52		"	10.0		95.2	70-130				
1,2-Dichloropropane	8.31		"	10.0		83.1	70-130				
1,2-Dichlorotetrafluoroethane	10.9		"	10.0		109	70-130				
1,3,5-Trimethylbenzene	9.26		"	10.0		92.6	70-130				
1,3-Butadiene	11.8		"	10.0		118	70-130				
1,3-Dichlorobenzene	8.98		"	10.0		89.8	70-130				
1,3-Dichloropropane	7.75		"	10.0		77.5	70-130				
1,4-Dichlorobenzene	8.56		"	10.0		85.6	70-130				
1,4-Dioxane	7.52		"	10.0		75.2	70-130				
2-Butanone	8.52		"	10.0		85.2	70-130				
2-Hexanone	6.40		"	10.0		64.0	70-130	Low Bias			
3-Chloropropene	9.43		"	10.0		94.3	70-130				
4-Methyl-2-pentanone	7.57		"	10.0		75.7	70-130				
Acetone	7.57		"	10.0		75.7	70-130				
Acrylonitrile	9.48		"	10.0		94.8	70-130				
Benzene	9.69		"	10.0		96.9	70-130				
Benzyl chloride	9.07		"	10.0		90.7	70-130				
Bromodichloromethane	8.86		"	10.0		88.6	70-130				
Bromoform	10.4		"	10.0		104	70-130				
Bromomethane	10.1		"	10.0		101	70-130				
Carbon disulfide	10.2		"	10.0		102	70-130				
Carbon tetrachloride	10.7		"	10.0		107	70-130				
Chlorobenzene	8.84		"	10.0		88.4	70-130				
Chloroethane	10.2		"	10.0		102	70-130				
Chloroform	10.1		"	10.0		101	70-130				
Chloromethane	12.6		"	10.0		126	70-130				
cis-1,2-Dichloroethylene	8.11		"	10.0		81.1	70-130				
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	70-130				
Cyclohexane	9.37		"	10.0		93.7	70-130				
Dibromochloromethane	8.52		"	10.0		85.2	70-130				
Dichlorodifluoromethane	11.1		"	10.0		111	70-130				
Ethyl acetate	8.98		"	10.0		89.8	70-130				
Ethyl Benzene	8.82		"	10.0		88.2	70-130				
Hexachlorobutadiene	10.2		"	10.0		102	70-130				
Isopropanol	8.97		"	10.0		89.7	70-130				
Methyl Methacrylate	8.68		"	10.0		86.8	70-130				
Methyl tert-butyl ether (MTBE)	9.45		"	10.0		94.5	70-130				
Methylene chloride	9.09		"	10.0		90.9	70-130				
n-Heptane	8.97		"	10.0		89.7	70-130				
n-Hexane	9.50		"	10.0		95.0	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80520 - EPA TO15 PREP											
LCS (BA80520-BS1)								Prepared & Analyzed: 01/15/2018			
o-Xylene	9.39		ppbv	10.0		93.9	70-130				
p- & m- Xylenes	17.8		"	20.0		89.0	70-130				
p-Ethyltoluene	9.74		"	10.0		97.4	70-130				
Propylene	10.2		"	10.0		102	70-130				
Styrene	9.40		"	10.0		94.0	70-130				
Tetrachloroethylene	6.58		"	10.0		65.8	70-130	Low Bias			
Tetrahydrofuran	8.71		"	10.0		87.1	70-130				
Toluene	8.43		"	10.0		84.3	70-130				
trans-1,2-Dichloroethylene	9.72		"	10.0		97.2	70-130				
trans-1,3-Dichloropropylene	9.54		"	10.0		95.4	70-130				
Trichloroethylene	8.92		"	10.0		89.2	70-130				
Trichlorofluoromethane (Freon 11)	10.8		"	10.0		108	70-130				
Vinyl acetate	11.7		"	10.0		117	70-130				
Vinyl bromide	11.0		"	10.0		110	70-130				
Vinyl Chloride	11.0		"	10.0		110	70-130				
Surrogate: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*70-130*				
Duplicate (BA80520-DUP1)	*Source sample: 18A0315-02RE1 (SVP124_011118)							Prepared: 01/15/2018 Analyzed: 01/16/2018			
1,1,1,2-Tetrachloroethane	ND	0.37	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.29	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.37	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.41	"		ND					25	
1,1,2-Trichloroethane	ND	0.29	"		ND					25	
1,1-Dichloroethane	ND	0.22	"		ND					25	
1,1-Dichloroethylene	ND	0.053	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.40	"		ND					25	
1,2,4-Trimethylbenzene	1.9	0.26	"		ND					25	
1,2-Dibromoethane	ND	0.41	"		ND					25	
1,2-Dichlorobenzene	ND	0.32	"		ND					25	
1,2-Dichloroethane	ND	0.22	"		ND					25	
1,2-Dichloropropane	ND	0.25	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.37	"		ND					25	
1,3,5-Trimethylbenzene	0.55	0.26	"		ND					25	
1,3-Butadiene	0.75	0.35	"		ND					25	
1,3-Dichlorobenzene	ND	0.32	"		ND					25	
1,3-Dichloropropane	ND	0.25	"		ND					25	
1,4-Dichlorobenzene	ND	0.32	"		ND					25	
1,4-Dioxane	ND	0.38	"		ND					25	
2-Butanone	0.61	0.16	"		ND					25	
2-Hexanone	ND	0.44	"		ND					25	
3-Chloropropene	ND	0.83	"		ND					25	
4-Methyl-2-pentanone	0.66	0.22	"		ND					25	
Acetone	58	0.25	"		280				131	25	Non-dir.
Acrylonitrile	ND	0.12	"		ND					25	
Benzene	2.8	0.17	"		ND					25	
Benzyl chloride	ND	0.28	"		ND					25	
Bromodichloromethane	ND	0.36	"		ND					25	
Bromoform	ND	0.55	"		ND					25	
Bromomethane	ND	0.21	"		ND					25	
Carbon disulfide	ND	0.17	"		ND					25	
Carbon tetrachloride	0.23	0.084	"		ND					25	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80520 - EPA TO15 PREP											
Duplicate (BA80520-DUP1)	*Source sample: 18A0315-02RE1 (SVP124_011118)								Prepared: 01/15/2018 Analyzed: 01/16/2018		
Chlorobenzene	ND	0.25	ug/m³		ND					25	
Chloroethane	ND	0.14	"		ND					25	
Chloroform	ND	0.26	"		ND					25	
Chloromethane	0.68	0.11	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.053	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Cyclohexane	0.75	0.18	"		ND					25	
Dibromochloromethane	ND	0.45	"		ND					25	
Dichlorodifluoromethane	1.1	0.26	"		ND					25	
Ethyl acetate	2.0	0.38	"		ND					25	
Ethyl Benzene	1.3	0.23	"		310				198	25	Non-dir.
Hexachlorobutadiene	ND	0.57	"		ND					25	
Isopropanol	4.0	0.26	"		ND					25	
Methyl Methacrylate	4.1	0.22	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.19	"		ND					25	
Methylene chloride	11	0.37	"		ND					25	
n-Heptane	30	0.22	"		ND					25	
n-Hexane	19	0.19	"		ND					25	
o-Xylene	1.8	0.23	"		360				198	25	Non-dir.
p- & m- Xylenes	5.4	0.46	"		1100				198	25	Non-dir.
p-Ethyltoluene	1.8	0.26	"		ND					25	
Propylene	3.0	0.092	"		ND					25	
Styrene	0.50	0.23	"		ND					25	
Tetrachloroethylene	0.29	0.090	"		ND					25	
Tetrahydrofuran	ND	0.31	"		ND					25	
Toluene	8.9	0.20	"		3400				199	25	Non-dir.
trans-1,2-Dichloroethylene	ND	0.21	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Trichloroethylene	ND	0.072	"		ND					25	
Trichlorofluoromethane (Freon 11)	0.81	0.30	"		ND					25	
Vinyl acetate	ND	0.19	"		ND					25	
Vinyl bromide	ND	0.23	"		ND					25	
Vinyl Chloride	ND	0.034	"		ND					25	
Surrogate: p-Bromofluorobenzene	*12.2*		*ppbv*	*10.0*		*122*	*70-130*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80642 - EPA TO15 PREP											
Blank (BA80642-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

Prepared & Analyzed: 01/16/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80642 - EPA TO15 PREP											
Blank (BA80642-BLK1)								Prepared & Analyzed: 01/16/2018			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*8.30*		*ppbv*	*10.0*		*83.0*	*70-130*				
LCS (BA80642-BS1)								Prepared & Analyzed: 01/16/2018			
1,1,1,2-Tetrachloroethane	9.24		ppbv	10.0		92.4	70-130				
1,1,1-Trichloroethane	10.3		"	10.0		103	70-130				
1,1,2,2-Tetrachloroethane	8.89		"	10.0		88.9	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	70-130				
1,1,2-Trichloroethane	8.54		"	10.0		85.4	70-130				
1,1-Dichloroethane	9.51		"	10.0		95.1	70-130				
1,1-Dichloroethylene	9.28		"	10.0		92.8	70-130				
1,2,4-Trichlorobenzene	8.14		"	10.0		81.4	70-130				
1,2,4-Trimethylbenzene	8.95		"	10.0		89.5	70-130				
1,2-Dibromoethane	8.90		"	10.0		89.0	70-130				
1,2-Dichlorobenzene	8.97		"	10.0		89.7	70-130				
1,2-Dichloroethane	9.54		"	10.0		95.4	70-130				
1,2-Dichloropropane	8.29		"	10.0		82.9	70-130				
1,2-Dichlorotetrafluoroethane	10.4		"	10.0		104	70-130				
1,3,5-Trimethylbenzene	9.13		"	10.0		91.3	70-130				
1,3-Butadiene	11.5		"	10.0		115	70-130				
1,3-Dichlorobenzene	8.52		"	10.0		85.2	70-130				
1,3-Dichloropropane	8.44		"	10.0		84.4	70-130				
1,4-Dichlorobenzene	8.36		"	10.0		83.6	70-130				
1,4-Dioxane	7.64		"	10.0		76.4	70-130				
2-Butanone	8.51		"	10.0		85.1	70-130				
2-Hexanone	7.21		"	10.0		72.1	70-130				
3-Chloropropene	9.33		"	10.0		93.3	70-130				
4-Methyl-2-pentanone	7.91		"	10.0		79.1	70-130				
Acetone	7.54		"	10.0		75.4	70-130				
Acrylonitrile	9.29		"	10.0		92.9	70-130				
Benzene	9.35		"	10.0		93.5	70-130				
Benzyl chloride	8.90		"	10.0		89.0	70-130				
Bromodichloromethane	9.09		"	10.0		90.9	70-130				
Bromoform	9.82		"	10.0		98.2	70-130				
Bromomethane	10.2		"	10.0		102	70-130				
Carbon disulfide	9.93		"	10.0		99.3	70-130				
Carbon tetrachloride	10.7		"	10.0		107	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80642 - EPA TO15 PREP											
LCS (BA80642-BS1)								Prepared & Analyzed: 01/16/2018			
Chlorobenzene	8.75		ppbv	10.0		87.5	70-130				
Chloroethane	10.2		"	10.0		102	70-130				
Chloroform	9.96		"	10.0		99.6	70-130				
Chloromethane	11.9		"	10.0		119	70-130				
cis-1,2-Dichloroethylene	8.20		"	10.0		82.0	70-130				
cis-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130				
Cyclohexane	9.24		"	10.0		92.4	70-130				
Dibromochloromethane	9.20		"	10.0		92.0	70-130				
Dichlorodifluoromethane	10.7		"	10.0		107	70-130				
Ethyl acetate	8.98		"	10.0		89.8	70-130				
Ethyl Benzene	8.79		"	10.0		87.9	70-130				
Hexachlorobutadiene	9.75		"	10.0		97.5	70-130				
Isopropanol	8.85		"	10.0		88.5	70-130				
Methyl Methacrylate	8.61		"	10.0		86.1	70-130				
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	70-130				
Methylene chloride	9.19		"	10.0		91.9	70-130				
n-Heptane	8.85		"	10.0		88.5	70-130				
n-Hexane	9.26		"	10.0		92.6	70-130				
o-Xylene	9.06		"	10.0		90.6	70-130				
p- & m- Xylenes	17.6		"	20.0		87.8	70-130				
p-Ethyltoluene	9.08		"	10.0		90.8	70-130				
Propylene	9.65		"	10.0		96.5	70-130				
Styrene	9.00		"	10.0		90.0	70-130				
Tetrachloroethylene	7.01		"	10.0		70.1	70-130				
Tetrahydrofuran	8.70		"	10.0		87.0	70-130				
Toluene	8.50		"	10.0		85.0	70-130				
trans-1,2-Dichloroethylene	9.59		"	10.0		95.9	70-130				
trans-1,3-Dichloropropylene	9.79		"	10.0		97.9	70-130				
Trichloroethylene	8.90		"	10.0		89.0	70-130				
Trichlorofluoromethane (Freon 11)	10.9		"	10.0		109	70-130				
Vinyl acetate	11.4		"	10.0		114	70-130				
Vinyl bromide	10.7		"	10.0		107	70-130				
Vinyl Chloride	10.6		"	10.0		106	70-130				
Surrogate: p-Bromofluorobenzene	*9.54*		*"*	*10.0*		*95.4*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: Sample ID revised for the ambient sample per client request.

Field Chain-of-Custody Record - AIR

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

York Project No. 18A0315

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: LANGAN ENG.	Company: LANGAN ENG	Company: LANGAN ENG	170384501	RUSH - Same Day ☐	Summary Report ☐
Address: 360 W 31ST ST 8TH FL	Address: "	Address: "		RUSH - Next Day ☐	Summary w/ QA Summary ☐
Phone No. (212) 479-5400	Phone No.	Phone No.	Purchase Order No.	RUSH - Two Day ☐	CT RCP Package ☐
Contact Person: KIM DELCOL	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ✓
E-Mail Address: KDELCOL@LANGANENG.COM	E-Mail Address: SKNOUP@LANGANENG.COM	E-Mail Address:	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP B/CLP Pkg ☐
				Standard(5-7 Days) X	NJDEP Reduced ☐
					Electronic Deliverables:
					EDD (Specify Type) ☐
					Standard Excel ☐
					Regulatory Comparison Excel ☐

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Air Matrix Codes

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

Additional Notes:

Please enter the following Field Data

Detection Limits Required:
- ≤ 1 ug/m³ ✓
- NYSDEC VI Limits
- NJDEP low level
- Routine Survey
- Other

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
SVP123-011118	01/11/18	AS	-29.51	-5.08	28316	7416	TO-15 VOCs	6 Liter canister X / Tedlar Bag
SVP124-011118	01/11/18	AS	-29.82	-4.79	18309	Y17	TO-15 VOCs	6 Liter canister X / Tedlar Bag
~~AA101~~ AA124-011118	01/11/18	AO	-26.79	-4.18	24058	Y24	TO-15 VOCs	6 Liter canister X / Tedlar Bag
* AA124-								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag

LgJ 1/15/18

Comments

* Sample ID Revised from AA101 to AA124 per Taylor Morgan request on 1/15/18 — LgJ 1/15/18 (York edit)

Samples Relinquished By	01/11/18 Date/Time	Samples Received By	1/11/18 4:00 Date/Time
Samples Relinquished By	1/11/18 6:06 Date/Time	Samples Received @ LAB by	1-11-18 1806 Date/Time

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0420

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0420

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 15, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0420-01	SB110_0-2	Soil	01/15/2018	01/15/2018
18A0420-02	SB110_10-12	Soil	01/15/2018	01/15/2018
18A0420-03	SB110_17-18	Soil	01/15/2018	01/15/2018
18A0420-05	SB108_0-2	Soil	01/15/2018	01/15/2018
18A0420-06	SB108_2-3	Soil	01/15/2018	01/15/2018
18A0420-07	SB108_6-8	Soil	01/15/2018	01/15/2018
18A0420-08	SB108_11-12	Soil	01/15/2018	01/15/2018
18A0420-09	SB108_15-16	Soil	01/15/2018	01/15/2018
18A0420-10	EBTB02_011518	Water	01/15/2018	01/15/2018
18A0420-11	EBFB02_011518	Water	01/15/2018	01/15/2018

General Notes for York Project (SDG) No.: 18A0420

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

Approved By:

Date: 01/30/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.082	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0044**	Cal-E, J	mg/kg dry	0.0041	0.0082	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/17/2018 07:30	01/17/2018 13:38	ZZZ
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*71.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*81.3 %*	*23-114*

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*87.3 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*75.7 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*89.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*66.0 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:15	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00925	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0936	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*109 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:32	LAB
							Certifications:			

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	01/16/2018 03:49	01/16/2018 15:21	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	01/16/2018 03:49	01/16/2018 15:21	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	01/16/2018 03:49	01/16/2018 15:21	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*107 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12900**		mg/kg dry	5.61	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.561	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.16**		mg/kg dry	1.12	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**41.9**		mg/kg dry	1.12	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.29**		mg/kg dry	0.336	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2960**		mg/kg dry	5.61	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**24.8**		mg/kg dry	0.561	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.5**		mg/kg dry	0.561	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.5**		mg/kg dry	0.561	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**19300**		mg/kg dry	2.24	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**7.98**		mg/kg dry	0.561	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3560**		mg/kg dry	5.61	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**496**		mg/kg dry	0.561	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**19.7**		mg/kg dry	0.561	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1120**		mg/kg dry	5.61	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.39**		mg/kg dry	1.12	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.561	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**156**		mg/kg dry	11.2	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.8**		mg/kg dry	1.12	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**34.2**		mg/kg dry	1.68	1	EPA 6010C	01/16/2018 09:46	01/19/2018 12:58	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	01/16/2018 09:43	01/16/2018 15:13	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	1	SM 2540G	01/16/2018 15:10	01/17/2018 13:10	LAB
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB110_0-2 **York Sample ID:** 18A0420-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:15 am	01/15/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.561	1	EPA 7196A	01/16/2018 15:19	01/17/2018 17:14	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**24.8**		mg/kg	0.500	1	Calculation	01/22/2018 10:22	01/22/2018 10:28	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.561	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0086**	Cal-E, J	mg/kg dry	0.0060	0.012	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0091	0.018	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:05	ZZZ
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.0 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*77.0 %*	*23-114*

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*85.4 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*71.4 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*84.1 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*64.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/16/2018 03:51	01/17/2018 00:46	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00882	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0892	5	EPA 8081B	01/16/2018 08:11	01/16/2018 13:58	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*130 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	01/16/2018 08:11	01/16/2018 12:56	LAB
							Certifications:			

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	01/16/2018 03:49	01/16/2018 15:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	01/16/2018 03:49	01/16/2018 15:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	01/16/2018 03:49	01/16/2018 15:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*105 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6170**		mg/kg dry	5.34	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.534	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.14**		mg/kg dry	1.07	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**54.3**		mg/kg dry	1.07	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.05**		mg/kg dry	0.321	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1910**		mg/kg dry	5.34	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.534	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.74**		mg/kg dry	0.534	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**36.5**		mg/kg dry	0.534	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13600**		mg/kg dry	2.14	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**7.02**		mg/kg dry	0.534	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2770**		mg/kg dry	5.34	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**333**		mg/kg dry	0.534	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**25.0**		mg/kg dry	0.534	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.34	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.14**		mg/kg dry	1.07	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.534	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**226**		mg/kg dry	10.7	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.6**		mg/kg dry	1.07	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**37.9**		mg/kg dry	1.60	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:04	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473	01/16/2018 09:43	01/16/2018 15:19	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.6**		%	0.100	1	SM 2540G	01/16/2018 15:10	01/17/2018 13:10	LAB
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB110_10-12 **York Sample ID:** 18A0420-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:25 am	01/15/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.534	1	EPA 7196A	01/16/2018 15:19	01/17/2018 17:14	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.9**		mg/kg	0.500	1	Calculation	01/22/2018 10:22	01/22/2018 10:28	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.534	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.24	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.017**	CCV-E, SCAL-E	mg/kg dry	0.0059	0.012	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.0039**	J	mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0059	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.0 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*94.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:37	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0953**		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.0847**	J, CCV-E	mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.0755**	J	mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0593**	J	mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0727**	J	mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0579**	J	mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0861**	J	mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0883	0.176	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.196**		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.102**		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.253**		mg/kg dry	0.0443	0.0883	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.354	2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: 2-Fluorophenol*	*66.6 %*			*20-108*						
4165-62-2	*Surrogate: Phenol-d5*	*74.9 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*83.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.7 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*55.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*71.1 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**unknown glycol ether**	**1980**		ug/kg dry			2	EPA 8270D	01/24/2018 12:40	01/25/2018 12:48	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0349	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00874	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0884	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:31	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:31	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:31	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:31	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:31	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:31	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:31	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:31	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0205	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:18	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0205	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:18	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0205	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:18	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*40.2 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5700**		mg/kg dry	5.29	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**2.96**		mg/kg dry	0.529	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.75**		mg/kg dry	1.06	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**44.1**		mg/kg dry	1.06	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.106	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.318	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**6410**		mg/kg dry	5.29	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**76.1**		mg/kg dry	0.529	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.94**		mg/kg dry	0.529	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**38.4**		mg/kg dry	0.529	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17000**		mg/kg dry	2.12	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**9.62**		mg/kg dry	0.529	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2290**		mg/kg dry	5.29	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**326**		mg/kg dry	0.529	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**60.2**		mg/kg dry	0.529	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**997**		mg/kg dry	5.29	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.90**		mg/kg dry	1.06	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**391**		mg/kg dry	10.6	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.06	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.7**		mg/kg dry	1.06	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**39.5**		mg/kg dry	1.59	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:37	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0318	1	EPA 7473	01/24/2018 09:07	01/24/2018 12:01	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.4**		%	0.100	1	SM 2540G	01/26/2018 10:01	01/26/2018 12:42	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB110_17-18 **York Sample ID:** 18A0420-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:40 am	01/15/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A	01/24/2018 10:19	01/24/2018 15:54	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**76.1**		mg/kg	0.500	1	Calculation	01/29/2018 15:39	01/30/2018 13:26	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.529	1	EPA 9014/9010C	01/24/2018 08:09	01/24/2018 13:06	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0053**	Cal-E, CCV-E, J	mg/kg dry	0.0045	0.0090	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/17/2018 07:30	01/17/2018 14:32	ZZZ
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0495**	J	mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: 2-Fluorophenol*	*67.6 %*			*20-108*						
4165-62-2	*Surrogate: Phenol-d5*	*78.5 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*81.6 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*70.8 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*89.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*67.2 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Squalene**	**1070**		ug/kg dry			2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:17	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0377	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00942	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0953	5	EPA 8081B	01/16/2018 08:11	01/17/2018 10:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	01/16/2018 08:11	01/16/2018 17:26	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	01/16/2018 08:11	01/16/2018 17:26	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	01/16/2018 08:11	01/16/2018 17:26	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	01/16/2018 08:11	01/16/2018 17:26	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	01/16/2018 08:11	01/16/2018 17:26	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	01/16/2018 08:11	01/16/2018 17:26	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	01/16/2018 08:11	01/16/2018 17:26	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	01/16/2018 08:11	01/16/2018 17:26	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	01/16/2018 03:49	01/16/2018 15:46	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	01/16/2018 03:49	01/16/2018 15:46	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	01/16/2018 03:49	01/16/2018 15:46	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*116 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11400**		mg/kg dry	5.71	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.571	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.05**		mg/kg dry	1.14	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**59.3**		mg/kg dry	1.14	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.10**		mg/kg dry	0.342	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2030**		mg/kg dry	5.71	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.4**		mg/kg dry	0.571	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.73**		mg/kg dry	0.571	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**13.3**		mg/kg dry	0.571	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**15800**		mg/kg dry	2.28	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**10.4**		mg/kg dry	0.571	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2310**		mg/kg dry	5.71	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**248**		mg/kg dry	0.571	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**5.02**		mg/kg dry	0.571	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**545**		mg/kg dry	5.71	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.74**		mg/kg dry	1.14	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**154**		mg/kg dry	11.4	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.1**		mg/kg dry	1.14	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**28.5**		mg/kg dry	1.71	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:10	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0342	1	EPA 7473	01/16/2018 09:43	01/16/2018 15:28	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.6**		%	0.100	1	SM 2540G	01/16/2018 15:10	01/17/2018 13:10	LAB
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB108_0-2 **York Sample ID:** 18A0420-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:45 am	01/15/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.571	1	EPA 7196A	01/16/2018 15:19	01/17/2018 17:14	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.4**		mg/kg	0.500	1	Calculation	01/22/2018 10:22	01/22/2018 10:28	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.571	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB108_2-3 **York Sample ID:** 18A0420-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:50 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_2-3 **York Sample ID:** 18A0420-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:50 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_2-3 **York Sample ID:** 18A0420-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:50 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_2-3 **York Sample ID:** 18A0420-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:50 am	01/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	01/16/2018 03:51	01/17/2018 01:48	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*45.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*58.6 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*68.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*48.6 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*83.1 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.9 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Squalene**	**845**		ug/kg dry			2	EPA 8270D	01/16/2018 14:04	01/17/2018 01:48	OW
								Certifications:			

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8750**		mg/kg dry	5.28	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_2-3 **York Sample ID:** 18A0420-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:50 am	01/15/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/kg dry	0.528	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.10**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**35.4**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.106	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.14**		mg/kg dry	0.317	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**12900**		mg/kg dry	5.28	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.8**		mg/kg dry	0.528	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.28**		mg/kg dry	0.528	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**12.8**		mg/kg dry	0.528	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13600**		mg/kg dry	2.11	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.28**		mg/kg dry	0.528	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2810**		mg/kg dry	5.28	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**224**		mg/kg dry	0.528	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**10.2**		mg/kg dry	0.528	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**725**		mg/kg dry	5.28	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.67**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.528	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**141**		mg/kg dry	10.6	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**18.8**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**26.0**		mg/kg dry	1.58	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_2-3 **York Sample ID:** 18A0420-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:50 am	01/15/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0317	1	EPA 7473	01/16/2018 09:43	01/16/2018 15:37	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.7**		%	0.100	1	SM 2540G	01/16/2018 15:10	01/17/2018 13:10	LAB
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	01/16/2018 15:19	01/17/2018 17:14	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.8**		mg/kg	0.500	1	Calculation	01/22/2018 10:22	01/22/2018 10:28	PAM
							Certifications:			

Sample Information

Client Sample ID: SB108_6-8 **York Sample ID:** 18A0420-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:55 am	01/15/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7220**		mg/kg dry	5.26	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.526	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.31**		mg/kg dry	1.05	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**42.4**		mg/kg dry	1.05	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.934**		mg/kg dry	0.316	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1960**		mg/kg dry	5.26	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.0**		mg/kg dry	0.526	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.18**		mg/kg dry	0.526	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**24.0**		mg/kg dry	0.526	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12100**		mg/kg dry	2.10	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.42**		mg/kg dry	0.526	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2590**		mg/kg dry	5.26	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**395**		mg/kg dry	0.526	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**30.3**		mg/kg dry	0.526	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**855**		mg/kg dry	5.26	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.19**		mg/kg dry	1.05	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.526	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**202**		mg/kg dry	10.5	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.8**		mg/kg dry	1.05	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_6-8 **York Sample ID:** 18A0420-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 10:55 am	01/15/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**28.5**		mg/kg dry	1.58	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:21	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	01/16/2018 09:43	01/16/2018 15:45	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.0**		%	0.100	1	SM 2540G	01/16/2018 15:10	01/17/2018 13:10	LAB
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.526	1	EPA 7196A	01/16/2018 15:19	01/17/2018 17:14	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.0**		mg/kg	0.500	1	Calculation	01/22/2018 10:22	01/22/2018 10:28	PAM
							Certifications:			

Sample Information

Client Sample ID: **SB108_11-12** **York Sample ID:** **18A0420-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:00 am	01/15/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6760**		mg/kg dry	5.31	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.531	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.70**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**43.5**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.106	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.07**		mg/kg dry	0.319	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1550**		mg/kg dry	5.31	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.1**		mg/kg dry	0.531	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.57**		mg/kg dry	0.531	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.6**		mg/kg dry	0.531	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13200**		mg/kg dry	2.13	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.56**		mg/kg dry	0.531	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3720**		mg/kg dry	5.31	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**509**		mg/kg dry	0.531	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**29.1**		mg/kg dry	0.531	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1270**		mg/kg dry	5.31	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.22**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.531	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**122**		mg/kg dry	10.6	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.8**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_11-12 **York Sample ID:** 18A0420-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:00 am	01/15/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**35.4**		mg/kg dry	1.59	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:27	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473	01/16/2018 09:43	01/16/2018 15:54	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.1**		%	0.100	1	SM 2540G	01/16/2018 15:10	01/17/2018 13:10	LAB
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.531	1	EPA 7196A	01/16/2018 15:19	01/17/2018 17:14	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.1**		mg/kg	0.500	1	Calculation	01/22/2018 10:22	01/22/2018 10:28	PAM
							Certifications:			

Sample Information

Client Sample ID: **SB108_15-16** **York Sample ID:** **18A0420-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:05 am	01/15/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8340**		mg/kg dry	5.29	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.529	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.17**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**51.4**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.106	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.28**		mg/kg dry	0.317	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**6810**		mg/kg dry	5.29	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**28.3**		mg/kg dry	0.529	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.4**		mg/kg dry	0.529	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**27.9**		mg/kg dry	0.529	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13400**		mg/kg dry	2.11	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.89**		mg/kg dry	0.529	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3660**		mg/kg dry	5.29	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**625**		mg/kg dry	0.529	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**43.7**		mg/kg dry	0.529	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1390**		mg/kg dry	5.29	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.84**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**405**		mg/kg dry	10.6	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.7**		mg/kg dry	1.06	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB108_15-16 **York Sample ID:** 18A0420-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Soil	January 15, 2018 11:05 am	01/15/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**35.6**		mg/kg dry	1.59	1	EPA 6010C	01/16/2018 09:46	01/19/2018 13:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0317	1	EPA 7473	01/16/2018 09:43	01/16/2018 16:03	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.6**		%	0.100	1	SM 2540G	01/16/2018 15:10	01/17/2018 13:10	LAB
							Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A	01/16/2018 15:19	01/17/2018 17:14	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**28.3**		mg/kg	0.500	1	Calculation	01/22/2018 10:22	01/22/2018 10:28	PAM
							Certifications:			

Sample Information

Client Sample ID: EBTB02_011518 **York Sample ID:** 18A0420-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:00 pm	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB02_011518 **York Sample ID:** 18A0420-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:00 pm	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB02_011518 **York Sample ID:** 18A0420-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:00 pm	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB02_011518 **York Sample ID:** 18A0420-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:00 pm	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:00	SS
							Certifications:			

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.00	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	01/17/2018 10:06	01/17/2018 13:31	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*26.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*16.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*80.5 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.0 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*85.5 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*48.7 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **EBFB02_011518** **York Sample ID:** **18A0420-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	* Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	* Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.108**		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	* Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications:			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	01/16/2018 07:56	01/16/2018 15:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/16/2018 07:56	01/18/2018 09:54	OW
								Certifications:			

Pesticides, 8081 target list

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0242	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00242	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/L	0.0121	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0121	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0121	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00485	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.121	1	EPA 8081B	01/18/2018 08:59	01/19/2018 17:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0606	1	EPA 8082A	01/18/2018 08:59	01/22/2018 09:47	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0606	1	EPA 8082A	01/18/2018 08:59	01/22/2018 09:47	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0606	1	EPA 8082A	01/18/2018 08:59	01/22/2018 09:47	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0606	1	EPA 8082A	01/18/2018 08:59	01/22/2018 09:47	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0606	1	EPA 8082A	01/18/2018 08:59	01/22/2018 09:47	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0606	1	EPA 8082A	01/18/2018 08:59	01/22/2018 09:47	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0606	1	EPA 8082A	01/18/2018 08:59	01/22/2018 09:47	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0606	1	EPA 8082A	01/18/2018 08:59	01/22/2018 09:47	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.7 %*	*30-120*

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*111 %*			*30-120*					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/18/2018 04:03	01/18/2018 11:58	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/18/2018 04:03	01/18/2018 11:58	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/18/2018 04:03	01/18/2018 11:58	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*119 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	01/18/2018 10:00	01/18/2018 12:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 13:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 13:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 13:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 13:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 13:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	01/16/2018 09:29	01/18/2018 13:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	01/17/2018 12:31	01/17/2018 16:28	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/16/2018 10:01	01/16/2018 11:37	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: EBFB02_011518 **York Sample ID:** 18A0420-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0420	170384501	Water	January 15, 2018 2:30 pm	01/15/2018

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	01/22/2018 10:25	01/22/2018 10:28	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	01/18/2018 10:01	01/18/2018 16:41	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BA80546 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/16/18
18A0420-02	SB110_10-12	01/16/18
18A0420-05	SB108_0-2	01/16/18
BA80546-BLK1	Blank	01/16/18
BA80546-BS1	LCS	01/16/18
BA80546-MS1	Matrix Spike	01/16/18
BA80546-MSD1	Matrix Spike Dup	01/16/18

Batch ID: BA80547 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/16/18
18A0420-01	SB110_0-2	01/16/18
18A0420-02	SB110_10-12	01/16/18
18A0420-02	SB110_10-12	01/16/18
18A0420-05	SB108_0-2	01/16/18
18A0420-05	SB108_0-2	01/16/18
18A0420-06	SB108_2-3	01/16/18
18A0420-06	SB108_2-3	01/16/18
BA80547-BLK1	Blank	01/16/18
BA80547-BLK1	Blank	01/16/18
BA80547-BS1	LCS	01/16/18

Batch ID: BA80548 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/16/18
18A0420-01	SB110_0-2	01/16/18
18A0420-02	SB110_10-12	01/16/18
18A0420-02	SB110_10-12	01/16/18
18A0420-05	SB108_0-2	01/16/18
18A0420-05	SB108_0-2	01/16/18
BA80548-BLK1	Blank	01/16/18
BA80548-BLK2	Blank	01/16/18
BA80548-BS1	LCS	01/16/18
BA80548-BS2	LCS	01/16/18

Batch ID: BA80556 **Preparation Method:** EPA 3510C **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-11	EBFB02_011518	01/16/18
18A0420-11	EBFB02_011518	01/16/18
BA80556-BLK1	Blank	01/16/18
BA80556-BLK1	Blank	01/16/18

BA80556-BLK2	Blank	01/16/18
BA80556-BS1	LCS	01/16/18
BA80556-BS2	LCS	01/16/18
BA80556-BSD1	LCS Dup	01/16/18

Batch ID: BA80560 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-11	EBFB02_011518	01/16/18
BA80560-BLK1	Blank	01/16/18
BA80560-BS1	LCS	01/16/18

Batch ID: BA80562 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-11	EBFB02_011518	01/18/18
BA80562-BLK1	Blank	01/18/18
BA80562-SRM1	Reference	01/18/18

Batch ID: BA80564 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/16/18
18A0420-02	SB110_10-12	01/16/18
18A0420-05	SB108_0-2	01/16/18
18A0420-06	SB108_2-3	01/16/18
18A0420-07	SB108_6-8	01/16/18
18A0420-08	SB108_11-12	01/16/18
18A0420-09	SB108_15-16	01/16/18
BA80564-BLK1	Blank	01/16/18
BA80564-SRM1	Reference	01/16/18

Batch ID: BA80565 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/16/18
18A0420-02	SB110_10-12	01/16/18
18A0420-05	SB108_0-2	01/16/18
18A0420-06	SB108_2-3	01/16/18
18A0420-07	SB108_6-8	01/16/18
18A0420-08	SB108_11-12	01/16/18
18A0420-09	SB108_15-16	01/16/18
BA80565-BLK1	Blank	01/16/18
BA80565-SRM1	Reference	01/16/18

Batch ID: BA80567 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date

18A0420-11	EBFB02_011518	01/16/18
BA80567-BLK1	Blank	01/16/18
BA80567-BS1	LCS	01/16/18
BA80567-DUP1	Duplicate	01/16/18
BA80567-MS1	Matrix Spike	01/16/18

Batch ID: BA80585 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/16/18
18A0420-02	SB110_10-12	01/16/18
18A0420-05	SB108_0-2	01/16/18
18A0420-06	SB108_2-3	01/16/18
18A0420-07	SB108_6-8	01/16/18
18A0420-08	SB108_11-12	01/16/18
18A0420-09	SB108_15-16	01/16/18
BA80585-DUP1	Duplicate	01/16/18

Batch ID: BA80586 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/16/18
18A0420-02	SB110_10-12	01/16/18
18A0420-05	SB108_0-2	01/16/18
18A0420-06	SB108_2-3	01/16/18
18A0420-07	SB108_6-8	01/16/18
18A0420-08	SB108_11-12	01/16/18
18A0420-09	SB108_15-16	01/16/18
BA80586-BLK1	Blank	01/16/18
BA80586-SRM1	Reference	01/16/18

Batch ID: BA80606 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/17/18
18A0420-02	SB110_10-12	01/17/18
18A0420-05	SB108_0-2	01/17/18
BA80606-BLK1	Blank	01/17/18
BA80606-BS1	LCS	01/17/18
BA80606-BSD1	LCS Dup	01/17/18

Batch ID: BA80609 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-10	EBTB02_011518	01/17/18
18A0420-11	EBFB02_011518	01/17/18
BA80609-BLK1	Blank	01/17/18
BA80609-BS1	LCS	01/17/18
BA80609-BSD1	LCS Dup	01/17/18

Batch ID: BA80613 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/17/18
18A0420-02	SB110_10-12	01/17/18
18A0420-05	SB108_0-2	01/17/18
BA80613-BLK1	Blank	01/17/18
BA80613-DUP1	Duplicate	01/17/18
BA80613-MS1	Matrix Spike	01/17/18
BA80613-SRM1	Reference	01/17/18

Batch ID: BA80628 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-11	EBFB02_011518	01/17/18
BA80628-BLK1	Blank	01/17/18
BA80628-SRM1	Reference	01/17/18

Batch ID: BA80659 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-11	EBFB02_011518	01/18/18
BA80659-BLK1	Blank	01/18/18
BA80659-BS1	LCS	01/18/18
BA80659-BSD1	LCS Dup	01/18/18

Batch ID: BA80673 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-11	EBFB02_011518	01/18/18
18A0420-11	EBFB02_011518	01/18/18
BA80673-BLK1	Blank	01/18/18
BA80673-BLK2	Blank	01/18/18
BA80673-BS1	LCS	01/18/18
BA80673-BS2	LCS	01/18/18
BA80673-BSD1	LCS Dup	01/18/18

Batch ID: BA80679 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-11	EBFB02_011518	01/18/18
BA80679-BLK1	Blank	01/18/18
BA80679-BS1	LCS	01/18/18

Batch ID: BA80811 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-01	SB110_0-2	01/22/18
18A0420-02	SB110_10-12	01/22/18
18A0420-05	SB108_0-2	01/22/18
18A0420-06	SB108_2-3	01/22/18
18A0420-07	SB108_6-8	01/22/18
18A0420-08	SB108_11-12	01/22/18
18A0420-09	SB108_15-16	01/22/18

Batch ID: BA80812 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-11	EBFB02_011518	01/22/18

Batch ID: BA80910 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/24/18
BA80910-BLK1	Blank	01/24/18
BA80910-DUP1	Duplicate	01/24/18
BA80910-MS1	Matrix Spike	01/24/18
BA80910-SRM1	Reference	01/24/18

Batch ID: BA80915 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/24/18
BA80915-BLK1	Blank	01/24/18
BA80915-SRM1	Reference	01/24/18

Batch ID: BA80927 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/24/18
BA80927-BLK1	Blank	01/24/18
BA80927-SRM1	Reference	01/24/18

Batch ID: BA80930 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/24/18
BA80930-BLK1	Blank	01/24/18
BA80930-SRM1	Reference	01/24/18

Batch ID: BA80942 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/24/18
18A0420-03	SB110_17-18	01/24/18
BA80942-BLK1	Blank	01/24/18
BA80942-BLK1	Blank	01/24/18
BA80942-BS1	LCS	01/24/18
BA80942-MS1	Matrix Spike	01/24/18
BA80942-MSD1	Matrix Spike Dup	01/24/18

Batch ID: BA80943 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/24/18
18A0420-03	SB110_17-18	01/24/18
BA80943-BLK1	Blank	01/24/18
BA80943-BLK2	Blank	01/24/18
BA80943-BS1	LCS	01/24/18
BA80943-BS2	LCS	01/24/18

Batch ID: BA81026 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/26/18
BA81026-BLK1	Blank	01/26/18
BA81026-BS1	LCS	01/26/18

Batch ID: BA81049 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/26/18

Batch ID: BA81062 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/26/18
BA81062-BLK1	Blank	01/26/18
BA81062-BS1	LCS	01/26/18
BA81062-BSD1	LCS Dup	01/26/18

Batch ID: BA81149 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0420-03	SB110_17-18	01/29/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80606 - EPA 5035A											
Blank (BA80606-BLK1)											
Prepared & Analyzed: 01/17/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

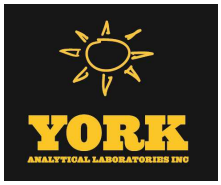
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80606 - EPA 5035A											
Blank (BA80606-BLK1)									Prepared & Analyzed: 01/17/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*ug/L*	*50.0*		*99.4*	*77-125*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*96.9*	*76-130*				
LCS (BA80606-BS1)									Prepared & Analyzed: 01/17/2018		
1,1,1,2-Tetrachloroethane	53.6		ug/L	50.0		107	75-129				
1,1,1-Trichloroethane	54.8		"	50.0		110	71-137				
1,1,2,2-Tetrachloroethane	51.7		"	50.0		103	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.1		"	50.0		112	58-146				
1,1,2-Trichloroethane	51.8		"	50.0		104	83-123				
1,1-Dichloroethane	52.4		"	50.0		105	75-130				
1,1-Dichloroethylene	51.6		"	50.0		103	64-137				
1,2,3-Trichlorobenzene	53.4		"	50.0		107	81-140				
1,2,3-Trichloropropane	51.6		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	52.7		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	51.3		"	50.0		103	84-125				
1,2-Dibromo-3-chloropropane	48.8		"	50.0		97.5	74-142				
1,2-Dibromoethane	51.8		"	50.0		104	86-123				
1,2-Dichlorobenzene	53.0		"	50.0		106	85-122				
1,2-Dichloroethane	53.6		"	50.0		107	71-133				
1,2-Dichloropropane	48.9		"	50.0		97.9	81-122				
1,3,5-Trimethylbenzene	53.9		"	50.0		108	82-126				
1,3-Dichlorobenzene	52.6		"	50.0		105	84-124				
1,4-Dichlorobenzene	52.4		"	50.0		105	84-124				
1,4-Dioxane	1210		"	1050		115	10-228				
2-Butanone	57.7		"	50.0		115	58-147				
2-Hexanone	47.6		"	50.0		95.2	70-139				
4-Methyl-2-pentanone	46.8		"	50.0		93.7	72-132				
Acetone	52.0		"	50.0		104	36-155				
Acrolein	30.4		"	50.0		60.7	10-238				
Acrylonitrile	54.0		"	50.0		108	66-141				
Benzene	54.4		"	50.0		109	77-127				
Bromochloromethane	50.4		"	50.0		101	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80606 - EPA 5035A											
LCS (BA80606-BS1)								Prepared & Analyzed: 01/17/2018			
Bromodichloromethane	51.2		ug/L	50.0		102	81-124				
Bromoform	53.1		"	50.0		106	80-136				
Bromomethane	48.5		"	50.0		96.9	32-177				
Carbon disulfide	59.8		"	50.0		120	10-136				
Carbon tetrachloride	57.4		"	50.0		115	66-143				
Chlorobenzene	53.5		"	50.0		107	86-120				
Chloroethane	52.9		"	50.0		106	51-142				
Chloroform	53.4		"	50.0		107	76-131				
Chloromethane	60.4		"	50.0		121	49-132				
cis-1,2-Dichloroethylene	53.7		"	50.0		107	74-132				
cis-1,3-Dichloropropylene	51.0		"	50.0		102	81-129				
Cyclohexane	53.9		"	50.0		108	70-130				
Dibromochloromethane	55.8		"	50.0		112	10-200				
Dibromomethane	51.3		"	50.0		103	83-124				
Dichlorodifluoromethane	71.0		"	50.0		142	28-158				
Ethyl Benzene	53.2		"	50.0		106	84-125				
Hexachlorobutadiene	57.8		"	50.0		116	83-133				
Isopropylbenzene	52.2		"	50.0		104	81-127				
Methyl acetate	39.7		"	50.0		79.3	41-143				
Methyl tert-butyl ether (MTBE)	53.9		"	50.0		108	74-131				
Methylcyclohexane	49.5		"	50.0		99.0	70-130				
Methylene chloride	31.7		"	50.0		63.5	57-141				
n-Butylbenzene	52.2		"	50.0		104	80-130				
n-Propylbenzene	52.6		"	50.0		105	74-136				
o-Xylene	53.0		"	50.0		106	83-123				
p- & m- Xylenes	105		"	100		105	82-128				
p-Isopropyltoluene	52.3		"	50.0		105	85-125				
sec-Butylbenzene	54.2		"	50.0		108	83-125				
Styrene	50.5		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	277		"	250		111	70-130				
tert-Butylbenzene	52.8		"	50.0		106	80-127				
Tetrachloroethylene	52.3		"	50.0		105	80-129				
Toluene	52.1		"	50.0		104	85-121				
trans-1,2-Dichloroethylene	52.6		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	51.9		"	50.0		104	78-132				
Trichloroethylene	52.1		"	50.0		104	84-123				
Trichlorofluoromethane	57.9		"	50.0		116	62-140				
Vinyl Chloride	56.2		"	50.0		112	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.7*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80606 - EPA 5035A											
LCS Dup (BA80606-BSD1)								Prepared & Analyzed: 01/17/2018			
1,1,1,2-Tetrachloroethane	54.9		ug/L	50.0		110	75-129		2.32	30	
1,1,1-Trichloroethane	55.4		"	50.0		111	71-137		1.23	30	
1,1,2,2-Tetrachloroethane	50.9		"	50.0		102	79-129		1.44	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.9		"	50.0		114	58-146		1.47	30	
1,1,2-Trichloroethane	50.5		"	50.0		101	83-123		2.52	30	
1,1-Dichloroethane	52.8		"	50.0		106	75-130		0.722	30	
1,1-Dichloroethylene	51.7		"	50.0		103	64-137		0.136	30	
1,2,3-Trichlorobenzene	53.4		"	50.0		107	81-140		0.0936	30	
1,2,3-Trichloropropane	52.6		"	50.0		105	81-126		1.94	30	
1,2,4-Trichlorobenzene	53.1		"	50.0		106	80-141		0.718	30	
1,2,4-Trimethylbenzene	48.9		"	50.0		97.8	84-125		4.85	30	
1,2-Dibromo-3-chloropropane	50.4		"	50.0		101	74-142		3.27	30	
1,2-Dibromoethane	51.8		"	50.0		104	86-123		0.0386	30	
1,2-Dichlorobenzene	52.9		"	50.0		106	85-122		0.321	30	
1,2-Dichloroethane	54.9		"	50.0		110	71-133		2.42	30	
1,2-Dichloropropane	50.8		"	50.0		102	81-122		3.69	30	
1,3,5-Trimethylbenzene	52.3		"	50.0		105	82-126		2.97	30	
1,3-Dichlorobenzene	53.0		"	50.0		106	84-124		0.701	30	
1,4-Dichlorobenzene	51.8		"	50.0		104	84-124		1.15	30	
1,4-Dioxane	1200		"	1050		114	10-228		0.965	30	
2-Butanone	64.7		"	50.0		129	58-147		11.4	30	
2-Hexanone	46.0		"	50.0		92.0	70-139		3.42	30	
4-Methyl-2-pentanone	50.0		"	50.0		100	72-132		6.60	30	
Acetone	46.0		"	50.0		92.0	36-155		12.3	30	
Acrolein	31.3		"	50.0		62.6	10-238		3.08	30	
Acrylonitrile	55.8		"	50.0		112	66-141		3.35	30	
Benzene	54.4		"	50.0		109	77-127		0.0184	30	
Bromochloromethane	53.6		"	50.0		107	74-129		6.13	30	
Bromodichloromethane	50.8		"	50.0		102	81-124		0.745	30	
Bromoform	53.8		"	50.0		108	80-136		1.37	30	
Bromomethane	50.5		"	50.0		101	32-177		4.04	30	
Carbon disulfide	58.7		"	50.0		117	10-136		1.79	30	
Carbon tetrachloride	57.8		"	50.0		116	66-143		0.660	30	
Chlorobenzene	52.6		"	50.0		105	86-120		1.75	30	
Chloroethane	52.4		"	50.0		105	51-142		0.930	30	
Chloroform	56.0		"	50.0		112	76-131		4.82	30	
Chloromethane	59.0		"	50.0		118	49-132		2.36	30	
cis-1,2-Dichloroethylene	56.5		"	50.0		113	74-132		5.06	30	
cis-1,3-Dichloropropylene	51.5		"	50.0		103	81-129		0.820	30	
Cyclohexane	53.7		"	50.0		107	70-130		0.353	30	
Dibromochloromethane	56.1		"	50.0		112	10-200		0.644	30	
Dibromomethane	51.8		"	50.0		104	83-124		0.834	30	
Dichlorodifluoromethane	69.7		"	50.0		139	28-158		1.85	30	
Ethyl Benzene	52.8		"	50.0		106	84-125		0.868	30	
Hexachlorobutadiene	55.2		"	50.0		110	83-133		4.53	30	
Isopropylbenzene	50.1		"	50.0		100	81-127		4.16	30	
Methyl acetate	39.9		"	50.0		79.8	41-143		0.578	30	
Methyl tert-butyl ether (MTBE)	55.0		"	50.0		110	74-131		1.97	30	
Methylcyclohexane	52.1		"	50.0		104	70-130		5.20	30	
Methylene chloride	32.0		"	50.0		64.0	57-141		0.847	30	
n-Butylbenzene	53.4		"	50.0		107	80-130		2.42	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

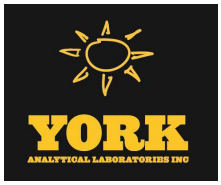
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80606 - EPA 5035A											
LCS Dup (BA80606-BSD1)								Prepared & Analyzed: 01/17/2018			
n-Propylbenzene	51.1		ug/L	50.0		102	74-136		2.95	30	
o-Xylene	53.0		"	50.0		106	83-123		0.189	30	
p- & m- Xylenes	108		"	100		108	82-128		3.16	30	
p-Isopropyltoluene	52.8		"	50.0		106	85-125		0.971	30	
sec-Butylbenzene	53.0		"	50.0		106	83-125		2.39	30	
Styrene	50.9		"	50.0		102	86-126		0.809	30	
tert-Butyl alcohol (TBA)	278		"	250		111	70-130		0.468	30	
tert-Butylbenzene	51.0		"	50.0		102	80-127		3.49	30	
Tetrachloroethylene	52.2		"	50.0		104	80-129		0.0574	30	
Toluene	51.5		"	50.0		103	85-121		1.16	30	
trans-1,2-Dichloroethylene	52.5		"	50.0		105	72-132		0.171	30	
trans-1,3-Dichloropropylene	49.6		"	50.0		99.1	78-132		4.61	30	
Trichloroethylene	52.9		"	50.0		106	84-123		1.56	30	
Trichlorofluoromethane	58.5		"	50.0		117	62-140		0.911	30	
Vinyl Chloride	57.2		"	50.0		114	52-130		1.78	30	
Surrogate: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.7*	*76-130*				
Batch BA80609 - EPA 5030B											
Blank (BA80609-BLK1)								Prepared & Analyzed: 01/17/2018			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80609 - EPA 5030B											
Blank (BA80609-BLK1)											
Prepared & Analyzed: 01/17/2018											
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*69-130*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80609 - EPA 5030B											
LCS (BA80609-BS1)								Prepared & Analyzed: 01/17/2018			
1,1,1,2-Tetrachloroethane	9.28		ug/L	10.0		92.8	82-126				
1,1,1-Trichloroethane	8.08		"	10.0		80.8	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.45		"	10.0		84.5	54-165				
1,1,2-Trichloroethane	9.17		"	10.0		91.7	82-123				
1,1-Dichloroethane	8.35		"	10.0		83.5	82-129				
1,1-Dichloroethylene	7.99		"	10.0		79.9	68-138				
1,2,3-Trichlorobenzene	14.5		"	10.0		145	76-136	High Bias			
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	11.7		"	10.0		117	76-137				
1,2,4-Trimethylbenzene	9.79		"	10.0		97.9	82-132				
1,2-Dibromo-3-chloropropane	9.20		"	10.0		92.0	45-147				
1,2-Dibromoethane	9.26		"	10.0		92.6	83-124				
1,2-Dichlorobenzene	9.95		"	10.0		99.5	79-123				
1,2-Dichloroethane	8.67		"	10.0		86.7	73-132				
1,2-Dichloropropane	9.06		"	10.0		90.6	78-126				
1,3,5-Trimethylbenzene	9.89		"	10.0		98.9	80-131				
1,3-Dichlorobenzene	9.54		"	10.0		95.4	86-122				
1,4-Dichlorobenzene	9.63		"	10.0		96.3	85-124				
1,4-Dioxane	209		"	210		99.4	10-349				
2-Butanone	9.30		"	10.0		93.0	49-152				
2-Hexanone	9.79		"	10.0		97.9	51-146				
4-Methyl-2-pentanone	9.45		"	10.0		94.5	57-145				
Acetone	10.0		"	10.0		100	14-150				
Acrolein	8.74		"	10.0		87.4	10-153				
Acrylonitrile	8.37		"	10.0		83.7	51-150				
Benzene	8.51		"	10.0		85.1	85-126				
Bromochloromethane	8.75		"	10.0		87.5	77-128				
Bromodichloromethane	8.95		"	10.0		89.5	79-128				
Bromoform	9.14		"	10.0		91.4	78-133				
Bromomethane	1.97		"	10.0		19.7	43-168	Low Bias			
Carbon disulfide	8.93		"	10.0		89.3	68-146				
Carbon tetrachloride	8.33		"	10.0		83.3	77-141				
Chlorobenzene	9.38		"	10.0		93.8	88-120				
Chloroethane	8.96		"	10.0		89.6	65-136				
Chloroform	8.37		"	10.0		83.7	82-128				
Chloromethane	6.45		"	10.0		64.5	43-155				
cis-1,2-Dichloroethylene	8.34		"	10.0		83.4	83-129				
cis-1,3-Dichloropropylene	9.29		"	10.0		92.9	80-131				
Cyclohexane	9.05		"	10.0		90.5	63-149				
Dibromochloromethane	9.27		"	10.0		92.7	80-130				
Dibromomethane	9.04		"	10.0		90.4	72-134				
Dichlorodifluoromethane	10.5		"	10.0		105	44-144				
Ethyl Benzene	9.53		"	10.0		95.3	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	9.70		"	10.0		97.0	76-140				
Methyl acetate	8.07		"	10.0		80.7	51-139				
Methyl tert-butyl ether (MTBE)	8.84		"	10.0		88.4	76-135				
Methylcyclohexane	9.51		"	10.0		95.1	72-143				
Methylene chloride	8.63		"	10.0		86.3	55-137				
n-Butylbenzene	9.83		"	10.0		98.3	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80609 - EPA 5030B											
LCS (BA80609-BS1)								Prepared & Analyzed: 01/17/2018			
n-Propylbenzene	9.74		ug/L	10.0		97.4	78-133				
o-Xylene	9.59		"	10.0		95.9	78-130				
p- & m- Xylenes	19.4		"	20.0		96.9	77-133				
p-Isopropyltoluene	9.89		"	10.0		98.9	81-136				
sec-Butylbenzene	10.1		"	10.0		101	79-137				
Styrene	9.46		"	10.0		94.6	67-132				
tert-Butyl alcohol (TBA)	42.0		"	50.0		84.1	25-162				
tert-Butylbenzene	9.59		"	10.0		95.9	77-138				
Tetrachloroethylene	8.47		"	10.0		84.7	82-131				
Toluene	9.14		"	10.0		91.4	80-127				
trans-1,2-Dichloroethylene	8.16		"	10.0		81.6	80-132				
trans-1,3-Dichloropropylene	9.17		"	10.0		91.7	78-131				
Trichloroethylene	8.94		"	10.0		89.4	82-128				
Trichlorofluoromethane	9.46		"	10.0		94.6	67-139				
Vinyl Chloride	9.11		"	10.0		91.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*69-130*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS Dup (BA80609-BSD1)								Prepared & Analyzed: 01/17/2018			
1,1,1,2-Tetrachloroethane	9.22		ug/L	10.0		92.2	82-126		0.649	30	
1,1,1-Trichloroethane	8.08		"	10.0		80.8	78-136		0.00	30	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129		0.793	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.94		"	10.0		79.4	54-165		6.22	30	
1,1,2-Trichloroethane	9.27		"	10.0		92.7	82-123		1.08	30	
1,1-Dichloroethane	8.34		"	10.0		83.4	82-129		0.120	30	
1,1-Dichloroethylene	7.95		"	10.0		79.5	68-138		0.502	30	
1,2,3-Trichlorobenzene	14.2		"	10.0		142	76-136	High Bias	1.67	30	
1,2,3-Trichloropropane	9.69		"	10.0		96.9	77-128		4.93	30	
1,2,4-Trichlorobenzene	11.7		"	10.0		117	76-137		0.171	30	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	82-132		1.54	30	
1,2-Dibromo-3-chloropropane	9.27		"	10.0		92.7	45-147		0.758	30	
1,2-Dibromoethane	9.43		"	10.0		94.3	83-124		1.82	30	
1,2-Dichlorobenzene	9.85		"	10.0		98.5	79-123		1.01	30	
1,2-Dichloroethane	8.77		"	10.0		87.7	73-132		1.15	30	
1,2-Dichloropropane	9.21		"	10.0		92.1	78-126		1.64	30	
1,3,5-Trimethylbenzene	9.73		"	10.0		97.3	80-131		1.63	30	
1,3-Dichlorobenzene	9.55		"	10.0		95.5	86-122		0.105	30	
1,4-Dichlorobenzene	9.66		"	10.0		96.6	85-124		0.311	30	
1,4-Dioxane	192		"	210		91.4	10-349		8.41	30	
2-Butanone	9.77		"	10.0		97.7	49-152		4.93	30	
2-Hexanone	9.66		"	10.0		96.6	51-146		1.34	30	
4-Methyl-2-pentanone	9.46		"	10.0		94.6	57-145		0.106	30	
Acetone	9.96		"	10.0		99.6	14-150		0.601	30	
Acrolein	7.95		"	10.0		79.5	10-153		9.47	30	
Acrylonitrile	7.56		"	10.0		75.6	51-150		10.2	30	
Benzene	8.45		"	10.0		84.5	85-126	Low Bias	0.708	30	
Bromochloromethane	8.68		"	10.0		86.8	77-128		0.803	30	
Bromodichloromethane	8.99		"	10.0		89.9	79-128		0.446	30	
Bromoform	9.10		"	10.0		91.0	78-133		0.439	30	
Bromomethane	2.13		"	10.0		21.3	43-168	Low Bias	7.80	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80609 - EPA 5030B											
LCS Dup (BA80609-BSD1)								Prepared & Analyzed: 01/17/2018			
Carbon disulfide	9.01		ug/L	10.0		90.1	68-146		0.892	30	
Carbon tetrachloride	8.17		"	10.0		81.7	77-141		1.94	30	
Chlorobenzene	9.35		"	10.0		93.5	88-120		0.320	30	
Chloroethane	8.92		"	10.0		89.2	65-136		0.447	30	
Chloroform	8.42		"	10.0		84.2	82-128		0.596	30	
Chloromethane	6.53		"	10.0		65.3	43-155		1.23	30	
cis-1,2-Dichloroethylene	8.30		"	10.0		83.0	83-129		0.481	30	
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	80-131		0.108	30	
Cyclohexane	8.61		"	10.0		86.1	63-149		4.98	30	
Dibromochloromethane	9.36		"	10.0		93.6	80-130		0.966	30	
Dibromomethane	9.28		"	10.0		92.8	72-134		2.62	30	
Dichlorodifluoromethane	9.76		"	10.0		97.6	44-144		7.68	30	
Ethyl Benzene	9.44		"	10.0		94.4	80-131		0.949	30	
Hexachlorobutadiene	10.9		"	10.0		109	67-146		0.183	30	
Isopropylbenzene	9.58		"	10.0		95.8	76-140		1.24	30	
Methyl acetate	8.39		"	10.0		83.9	51-139		3.89	30	
Methyl tert-butyl ether (MTBE)	8.80		"	10.0		88.0	76-135		0.454	30	
Methylcyclohexane	9.13		"	10.0		91.3	72-143		4.08	30	
Methylene chloride	8.55		"	10.0		85.5	55-137		0.931	30	
n-Butylbenzene	9.78		"	10.0		97.8	79-132		0.510	30	
n-Propylbenzene	9.64		"	10.0		96.4	78-133		1.03	30	
o-Xylene	9.56		"	10.0		95.6	78-130		0.313	30	
p- & m- Xylenes	19.2		"	20.0		95.8	77-133		1.09	30	
p-Isopropyltoluene	9.71		"	10.0		97.1	81-136		1.84	30	
sec-Butylbenzene	10.0		"	10.0		100	79-137		1.09	30	
Styrene	9.36		"	10.0		93.6	67-132		1.06	30	
tert-Butyl alcohol (TBA)	38.7		"	50.0		77.3	25-162		8.37	30	
tert-Butylbenzene	9.33		"	10.0		93.3	77-138		2.75	30	
Tetrachloroethylene	8.44		"	10.0		84.4	82-131		0.355	30	
Toluene	9.19		"	10.0		91.9	80-127		0.546	30	
trans-1,2-Dichloroethylene	8.03		"	10.0		80.3	80-132		1.61	30	
trans-1,3-Dichloropropylene	9.17		"	10.0		91.7	78-131		0.00	30	
Trichloroethylene	9.10		"	10.0		91.0	82-128		1.77	30	
Trichlorofluoromethane	9.31		"	10.0		93.1	67-139		1.60	30	
Vinyl Chloride	9.05		"	10.0		90.5	58-145		0.661	30	
Surrogate: 1,2-Dichloroethane-d4	*9.95*		*"*	*10.0*		*99.5*	*69-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
Blank (BA81062-BLK1)											
Prepared: 01/26/2018 Analyzed: 01/27/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

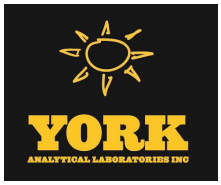
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
Blank (BA81062-BLK1)								Prepared: 01/26/2018 Analyzed: 01/27/2018			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*45.8*		*ug/L*	*50.0*		*91.7*	*77-125*				
Surrogate: Toluene-d8	*46.7*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				
LCS (BA81062-BS1)								Prepared & Analyzed: 01/26/2018			
1,1,1,2-Tetrachloroethane	47.0		ug/L	50.0		94.0	75-129				
1,1,1-Trichloroethane	51.2		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	47.7		"	50.0		95.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.6		"	50.0		111	58-146				
1,1,2-Trichloroethane	48.6		"	50.0		97.3	83-123				
1,1-Dichloroethane	55.7		"	50.0		111	75-130				
1,1-Dichloroethylene	53.9		"	50.0		108	64-137				
1,2,3-Trichlorobenzene	42.7		"	50.0		85.4	81-140				
1,2,3-Trichloropropane	46.1		"	50.0		92.2	81-126				
1,2,4-Trichlorobenzene	42.4		"	50.0		84.8	80-141				
1,2,4-Trimethylbenzene	46.1		"	50.0		92.3	84-125				
1,2-Dibromo-3-chloropropane	47.5		"	50.0		95.1	74-142				
1,2-Dibromoethane	47.2		"	50.0		94.4	86-123				
1,2-Dichlorobenzene	45.6		"	50.0		91.1	85-122				
1,2-Dichloroethane	52.6		"	50.0		105	71-133				
1,2-Dichloropropane	51.0		"	50.0		102	81-122				
1,3,5-Trimethylbenzene	46.2		"	50.0		92.4	82-126				
1,3-Dichlorobenzene	44.3		"	50.0		88.6	84-124				
1,4-Dichlorobenzene	44.4		"	50.0		88.8	84-124				
1,4-Dioxane	1110		"	1050		106	10-228				
2-Butanone	51.8		"	50.0		104	58-147				
2-Hexanone	44.5		"	50.0		88.9	70-139				
4-Methyl-2-pentanone	46.5		"	50.0		93.0	72-132				
Acetone	40.4		"	50.0		80.8	36-155				
Acrolein	156		"	50.0		312	10-238	High Bias			
Acrylonitrile	56.1		"	50.0		112	66-141				
Benzene	54.4		"	50.0		109	77-127				
Bromochloromethane	54.9		"	50.0		110	74-129				
Bromodichloromethane	46.7		"	50.0		93.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
LCS (BA81062-BS1)								Prepared & Analyzed: 01/26/2018			
Bromoform	41.5		ug/L	50.0		83.0	80-136				
Bromomethane	50.1		"	50.0		100	32-177				
Carbon disulfide	60.1		"	50.0		120	10-136				
Carbon tetrachloride	51.1		"	50.0		102	66-143				
Chlorobenzene	48.0		"	50.0		95.9	86-120				
Chloroethane	57.4		"	50.0		115	51-142				
Chloroform	52.6		"	50.0		105	76-131				
Chloromethane	56.9		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	53.4		"	50.0		107	74-132				
cis-1,3-Dichloropropylene	47.5		"	50.0		94.9	81-129				
Cyclohexane	54.2		"	50.0		108	70-130				
Dibromochloromethane	46.5		"	50.0		93.0	10-200				
Dibromomethane	47.7		"	50.0		95.4	83-124				
Dichlorodifluoromethane	59.6		"	50.0		119	28-158				
Ethyl Benzene	48.1		"	50.0		96.2	84-125				
Hexachlorobutadiene	42.9		"	50.0		85.7	83-133				
Isopropylbenzene	46.1		"	50.0		92.2	81-127				
Methyl acetate	52.7		"	50.0		105	41-143				
Methyl tert-butyl ether (MTBE)	57.0		"	50.0		114	74-131				
Methylcyclohexane	49.0		"	50.0		98.0	70-130				
Methylene chloride	54.1		"	50.0		108	57-141				
n-Butylbenzene	46.7		"	50.0		93.3	80-130				
n-Propylbenzene	46.4		"	50.0		92.8	74-136				
o-Xylene	47.8		"	50.0		95.6	83-123				
p- & m- Xylenes	95.0		"	100		95.0	82-128				
p-Isopropyltoluene	46.2		"	50.0		92.4	85-125				
sec-Butylbenzene	48.8		"	50.0		97.5	83-125				
Styrene	46.0		"	50.0		92.1	86-126				
tert-Butyl alcohol (TBA)	268		"	250		107	70-130				
tert-Butylbenzene	46.3		"	50.0		92.6	80-127				
Tetrachloroethylene	44.9		"	50.0		89.7	80-129				
Toluene	48.6		"	50.0		97.1	85-121				
trans-1,2-Dichloroethylene	54.3		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	45.6		"	50.0		91.2	78-132				
Trichloroethylene	49.7		"	50.0		99.4	84-123				
Trichlorofluoromethane	54.6		"	50.0		109	62-140				
Vinyl Chloride	56.1		"	50.0		112	52-130				
Surrogate: 1,2-Dichloroethane-d4	*46.4*		*"*	*50.0*		*92.8*	*77-125*				
Surrogate: Toluene-d8	*47.0*		*"*	*50.0*		*94.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
LCS Dup (BA81062-BSD1)								Prepared & Analyzed: 01/26/2018			
1,1,1,2-Tetrachloroethane	47.3		ug/L	50.0		94.6	75-129		0.658	30	
1,1,1-Trichloroethane	50.6		"	50.0		101	71-137		1.30	30	
1,1,2,2-Tetrachloroethane	47.4		"	50.0		94.8	79-129		0.589	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.3		"	50.0		109	58-146		2.33	30	
1,1,2-Trichloroethane	47.3		"	50.0		94.5	83-123		2.86	30	
1,1-Dichloroethane	55.2		"	50.0		110	75-130		0.902	30	
1,1-Dichloroethylene	52.7		"	50.0		105	64-137		2.18	30	
1,2,3-Trichlorobenzene	42.3		"	50.0		84.6	81-140		0.941	30	
1,2,3-Trichloropropane	46.0		"	50.0		92.0	81-126		0.217	30	
1,2,4-Trichlorobenzene	42.1		"	50.0		84.2	80-141		0.710	30	
1,2,4-Trimethylbenzene	45.2		"	50.0		90.5	84-125		1.95	30	
1,2-Dibromo-3-chloropropane	48.0		"	50.0		96.0	74-142		0.963	30	
1,2-Dibromoethane	46.6		"	50.0		93.1	86-123		1.30	30	
1,2-Dichlorobenzene	45.1		"	50.0		90.2	85-122		1.04	30	
1,2-Dichloroethane	52.0		"	50.0		104	71-133		1.19	30	
1,2-Dichloropropane	49.6		"	50.0		99.1	81-122		2.98	30	
1,3,5-Trimethylbenzene	45.0		"	50.0		90.0	82-126		2.72	30	
1,3-Dichlorobenzene	44.7		"	50.0		89.4	84-124		0.809	30	
1,4-Dichlorobenzene	44.1		"	50.0		88.1	84-124		0.723	30	
1,4-Dioxane	1140		"	1050		109	10-228		2.93	30	
2-Butanone	51.4		"	50.0		103	58-147		0.853	30	
2-Hexanone	44.0		"	50.0		87.9	70-139		1.11	30	
4-Methyl-2-pentanone	45.6		"	50.0		91.3	72-132		1.87	30	
Acetone	38.8		"	50.0		77.6	36-155		4.09	30	
Acrolein	158		"	50.0		316	10-238	High Bias	0.981	30	
Acrylonitrile	54.8		"	50.0		110	66-141		2.43	30	
Benzene	53.7		"	50.0		107	77-127		1.39	30	
Bromochloromethane	52.9		"	50.0		106	74-129		3.66	30	
Bromodichloromethane	45.3		"	50.0		90.6	81-124		3.15	30	
Bromoform	40.8		"	50.0		81.6	80-136		1.73	30	
Bromomethane	51.7		"	50.0		103	32-177		3.08	30	
Carbon disulfide	55.2		"	50.0		110	10-136		8.49	30	
Carbon tetrachloride	50.7		"	50.0		101	66-143		0.805	30	
Chlorobenzene	47.2		"	50.0		94.4	86-120		1.60	30	
Chloroethane	57.1		"	50.0		114	51-142		0.437	30	
Chloroform	52.8		"	50.0		106	76-131		0.190	30	
Chloromethane	57.9		"	50.0		116	49-132		1.72	30	
cis-1,2-Dichloroethylene	53.4		"	50.0		107	74-132		0.0749	30	
cis-1,3-Dichloropropylene	46.0		"	50.0		91.9	81-129		3.23	30	
Cyclohexane	54.0		"	50.0		108	70-130		0.351	30	
Dibromochloromethane	46.2		"	50.0		92.3	10-200		0.734	30	
Dibromomethane	46.9		"	50.0		93.8	83-124		1.71	30	
Dichlorodifluoromethane	59.7		"	50.0		119	28-158		0.302	30	
Ethyl Benzene	48.4		"	50.0		96.8	84-125		0.663	30	
Hexachlorobutadiene	42.8		"	50.0		85.6	83-133		0.117	30	
Isopropylbenzene	45.6		"	50.0		91.3	81-127		0.981	30	
Methyl acetate	49.5		"	50.0		98.9	41-143		6.27	30	
Methyl tert-butyl ether (MTBE)	56.7		"	50.0		113	74-131		0.598	30	
Methylcyclohexane	48.1		"	50.0		96.1	70-130		1.88	30	
Methylene chloride	53.8		"	50.0		108	57-141		0.594	30	
n-Butylbenzene	46.2		"	50.0		92.4	80-130		0.991	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
LCS Dup (BA81062-BSD1)								Prepared & Analyzed: 01/26/2018			
n-Propylbenzene	46.6		ug/L	50.0		93.2	74-136		0.409	30	
o-Xylene	48.2		"	50.0		96.4	83-123		0.812	30	
p- & m- Xylenes	94.6		"	100		94.6	82-128		0.411	30	
p-Isopropyltoluene	46.0		"	50.0		92.0	85-125		0.477	30	
sec-Butylbenzene	47.5		"	50.0		95.0	83-125		2.64	30	
Styrene	45.9		"	50.0		91.8	86-126		0.348	30	
tert-Butyl alcohol (TBA)	267		"	250		107	70-130		0.528	30	
tert-Butylbenzene	46.0		"	50.0		92.0	80-127		0.715	30	
Tetrachloroethylene	43.9		"	50.0		87.8	80-129		2.16	30	
Toluene	47.3		"	50.0		94.6	85-121		2.65	30	
trans-1,2-Dichloroethylene	53.8		"	50.0		108	72-132		1.02	30	
trans-1,3-Dichloropropylene	43.7		"	50.0		87.4	78-132		4.17	30	
Trichloroethylene	48.1		"	50.0		96.3	84-123		3.23	30	
Trichlorofluoromethane	54.6		"	50.0		109	62-140		0.146	30	
Vinyl Chloride	56.0		"	50.0		112	52-130		0.286	30	
Surrogate: 1,2-Dichloroethane-d4	*46.8*		*"*	*50.0*		*93.6*	*77-125*				
Surrogate: Toluene-d8	*45.8*		*"*	*50.0*		*91.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

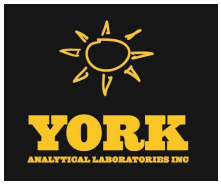
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80547 - EPA 3550C											
Blank (BA80547-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared & Analyzed: 01/16/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80547 - EPA 3550C											
Blank (BA80547-BLK1)											
Prepared & Analyzed: 01/16/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.12*		"	*2.55*		*83.4*	*20-108*				
Surrogate: Phenol-d5	*2.38*		"	*2.59*		*92.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.71*		"	*1.81*		*94.1*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.54*		"	*1.76*		*87.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.11*		"	*2.59*		*120*	*19-110*				
Surrogate: Terphenyl-d14	*1.54*		"	*1.69*		*91.4*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

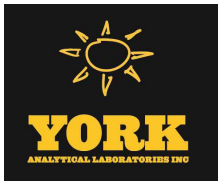
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80547 - EPA 3550C											
LCS (BA80547-BS1)							Prepared & Analyzed: 01/16/2018				
1,1-Biphenyl	0.700	0.0417	mg/kg wet	0.833		84.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.721	0.0833	"	0.833		86.5	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.706	0.0417	"	0.833		84.8	17-137				
2,3,4,6-Tetrachlorophenol	0.715	0.0833	"	0.833		85.8	30-130				
2,4,5-Trichlorophenol	0.758	0.0417	"	0.833		90.9	27-118				
2,4,6-Trichlorophenol	0.771	0.0417	"	0.833		92.5	31-120				
2,4-Dichlorophenol	0.801	0.0417	"	0.833		96.2	20-127				
2,4-Dimethylphenol	0.821	0.0417	"	0.833		98.5	14-132				
2,4-Dinitrophenol	0.994	0.0833	"	0.833		119	10-171				
2,4-Dinitrotoluene	0.739	0.0417	"	0.833		88.7	34-131				
2,6-Dinitrotoluene	0.735	0.0417	"	0.833		88.2	31-128				
2-Chloronaphthalene	0.574	0.0417	"	0.833		68.9	31-117				
2-Chlorophenol	0.691	0.0417	"	0.833		83.0	33-113				
2-Methylnaphthalene	0.851	0.0417	"	0.833		102	12-138				
2-Methylphenol	0.714	0.0417	"	0.833		85.7	10-136				
2-Nitroaniline	0.804	0.0833	"	0.833		96.5	27-132				
2-Nitrophenol	0.858	0.0417	"	0.833		103	17-129				
3- & 4-Methylphenols	0.664	0.0417	"	0.833		79.7	29-103				
3,3-Dichlorobenzidine	0.703	0.0417	"	0.833		84.4	22-149				
3-Nitroaniline	0.671	0.0833	"	0.833		80.5	20-133				
4,6-Dinitro-2-methylphenol	0.868	0.0833	"	0.833		104	10-143				
4-Bromophenyl phenyl ether	0.835	0.0417	"	0.833		100	29-120				
4-Chloro-3-methylphenol	0.876	0.0417	"	0.833		105	24-129				
4-Chloroaniline	0.567	0.0417	"	0.833		68.0	10-132				
4-Chlorophenyl phenyl ether	0.731	0.0417	"	0.833		87.7	27-124				
4-Nitroaniline	0.766	0.0833	"	0.833		91.9	16-128				
4-Nitrophenol	0.807	0.0833	"	0.833		96.8	10-141				
Acenaphthene	0.782	0.0417	"	0.833		93.8	30-121				
Acenaphthylene	0.711	0.0417	"	0.833		85.3	30-115				
Acetophenone	0.730	0.0417	"	0.833		87.6	20-112				
Aniline	0.560	0.167	"	0.833		67.2	10-119				
Anthracene	0.784	0.0417	"	0.833		94.1	34-118				
Atrazine	0.858	0.0417	"	0.833		103	26-112				
Benzaldehyde	0.691	0.0417	"	0.833		82.9	21-100				
Benzo(a)anthracene	0.882	0.0417	"	0.833		106	32-122				
Benzo(a)pyrene	0.853	0.0417	"	0.833		102	29-133				
Benzo(b)fluoranthene	0.785	0.0417	"	0.833		94.2	25-133				
Benzo(g,h,i)perylene	0.734	0.0417	"	0.833		88.1	10-143				
Benzo(k)fluoranthene	0.781	0.0417	"	0.833		93.8	25-128				
Benzoic acid	0.733	0.0417	"	0.967		75.9	10-140				
Benzyl alcohol	0.724	0.0417	"	0.833		86.8	30-115				
Benzyl butyl phthalate	0.934	0.0417	"	0.833		112	26-126				
Bis(2-chloroethoxy)methane	0.830	0.0417	"	0.833		99.6	19-132				
Bis(2-chloroethyl)ether	0.678	0.0417	"	0.833		81.4	19-125				
Bis(2-chloroisopropyl)ether	0.742	0.0417	"	0.833		89.0	20-135				
Bis(2-ethylhexyl)phthalate	0.904	0.0417	"	0.833		108	10-155				
Caprolactam	0.877	0.0833	"	0.833		105	10-127				
Carbazole	0.659	0.0417	"	0.833		79.0	35-123				
Chrysene	0.765	0.0417	"	0.833		91.8	32-123				
Dibenzo(a,h)anthracene	0.750	0.0417	"	0.833		90.0	10-136				
Dibenzofuran	0.751	0.0417	"	0.833		90.1	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80547 - EPA 3550C											
LCS (BA80547-BS1)								Prepared & Analyzed: 01/16/2018			
Diethyl phthalate	0.738	0.0417	mg/kg wet	0.833		88.5	34-116				
Dimethyl phthalate	0.711	0.0417	"	0.833		85.4	35-124				
Di-n-butyl phthalate	0.760	0.0417	"	0.833		91.2	31-116				
Di-n-octyl phthalate	0.920	0.0417	"	0.833		110	26-136				
Diphenylamine	0.996	0.0833	"	0.833		120	40-140				
Fluoranthene	0.787	0.0417	"	0.833		94.4	33-122				
Fluorene	0.773	0.0417	"	0.833		92.7	29-123				
Hexachlorobenzene	0.648	0.0417	"	0.833		77.8	21-124				
Hexachlorobutadiene	0.606	0.0417	"	0.833		72.7	10-149				
Hexachlorocyclopentadiene	0.569	0.0417	"	0.833		68.2	10-129				
Hexachloroethane	0.565	0.0417	"	0.833		67.8	28-108				
Indeno(1,2,3-cd)pyrene	0.743	0.0417	"	0.833		89.2	10-135				
Isophorone	0.689	0.0417	"	0.833		82.7	20-132				
Naphthalene	0.799	0.0417	"	0.833		95.8	23-124				
Nitrobenzene	0.619	0.0417	"	0.833		74.3	13-132				
N-Nitrosodimethylamine	0.563	0.0417	"	0.833		67.5	11-129				
N-nitroso-di-n-propylamine	0.683	0.0417	"	0.833		82.0	24-119				
N-Nitrosodiphenylamine	1.00	0.0417	"	0.833		120	22-152				
Pentachlorophenol	0.741	0.0417	"	0.833		88.9	10-139				
Phenanthrene	0.809	0.0417	"	0.833		97.1	33-123				
Phenol	0.690	0.0417	"	0.833		82.8	23-115				
Pyrene	0.900	0.0417	"	0.833		108	32-130				
Pyridine	0.549	0.167	"	0.833		65.8	10-91				
Surrogate: 2-Fluorophenol	*1.93*		"	*2.55*		*76.0*	*20-108*				
Surrogate: Phenol-d5	*2.19*		"	*2.59*		*84.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.62*		"	*1.81*		*89.3*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.40*		"	*1.76*		*79.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.74*		"	*2.59*		*106*	*19-110*				
Surrogate: Terphenyl-d14	*1.25*		"	*1.69*		*74.2*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80556 - EPA 3510C											
Blank (BA80556-BLK1)											Prepared & Analyzed: 01/16/2018
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80556 - EPA 3510C											
Blank (BA80556-BLK1)											Prepared & Analyzed: 01/16/2018
Surrogate: 2-Fluorophenol	*31.3*		*ug/L*	*76.4*		*41.0*	*19.7-63.1*				
Surrogate: Phenol-d5	*20.9*		*"*	*77.7*		*26.9*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*52.6*		*"*	*54.4*		*96.6*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*45.5*		*"*	*52.7*		*86.3*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*87.0*		*"*	*77.6*		*112*	*39.3-151*				
Surrogate: Terphenyl-d14	*36.4*		*"*	*50.6*		*72.0*	*30.7-106*				
Blank (BA80556-BLK2)											Prepared & Analyzed: 01/16/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

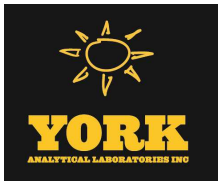
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80556 - EPA 3510C											
LCS (BA80556-BS1)								Prepared & Analyzed: 01/16/2018			
1,1-Biphenyl	18.6	5.00	ug/L	25.0		74.3	33-95				
1,2,4,5-Tetrachlorobenzene	17.0	5.00	"	25.0		67.8	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	17.9	5.00	"	25.0		71.7	16-141				
2,3,4,6-Tetrachlorophenol	17.8	5.00	"	25.0		71.1	30-130				
2,4,5-Trichlorophenol	19.0	5.00	"	25.0		75.8	32-114				
2,4,6-Trichlorophenol	19.0	5.00	"	25.0		76.0	35-118				
2,4-Dichlorophenol	20.3	5.00	"	25.0		81.3	25-116				
2,4-Dimethylphenol	19.4	5.00	"	25.0		77.5	15-116				
2,4-Dinitrophenol	15.4	5.00	"	25.0		61.7	10-170				
2,4-Dinitrotoluene	18.7	5.00	"	25.0		74.8	41-128				
2,6-Dinitrotoluene	18.9	5.00	"	25.0		75.5	45-116				
2-Chloronaphthalene	14.8	5.00	"	25.0		59.3	33-112				
2-Chlorophenol	18.0	5.00	"	25.0		72.2	15-120				
2-Methylnaphthalene	22.2	5.00	"	25.0		88.9	24-118				
2-Methylphenol	16.1	5.00	"	25.0		64.2	10-110				
2-Nitroaniline	19.4	5.00	"	25.0		77.4	34-129				
2-Nitrophenol	21.6	5.00	"	25.0		86.5	28-118				
3- & 4-Methylphenols	13.6	5.00	"	25.0		54.4	10-107				
3,3-Dichlorobenzidine	18.8	5.00	"	25.0		75.0	15-187				
3-Nitroaniline	17.7	5.00	"	25.0		71.0	24-134				
4,6-Dinitro-2-methylphenol	17.0	5.00	"	25.0		67.8	10-153				
4-Bromophenyl phenyl ether	20.4	5.00	"	25.0		81.6	34-120				
4-Chloro-3-methylphenol	22.1	5.00	"	25.0		88.5	20-120				
4-Chloroaniline	17.0	5.00	"	25.0		68.1	10-147				
4-Chlorophenyl phenyl ether	18.7	5.00	"	25.0		74.7	27-121				
4-Nitroaniline	18.2	5.00	"	25.0		72.8	13-134				
4-Nitrophenol	7.44	5.00	"	25.0		29.8	10-131				
Acetophenone	22.9	5.00	"	25.0		91.6	25-110				
Aniline	9.98	5.00	"	25.0		39.9	10-117				
Benzaldehyde	22.4	5.00	"	25.0		89.4	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	13.0	5.00	"	25.0		51.9	10-117				
Benzyl butyl phthalate	24.2	5.00	"	25.0		96.7	29-133				
Bis(2-chloroethoxy)methane	22.7	5.00	"	25.0		90.8	10-154				
Bis(2-chloroethyl)ether	19.1	5.00	"	25.0		76.5	17-125				
Bis(2-chloroisopropyl)ether	20.0	5.00	"	25.0		79.9	10-139				
Caprolactam	3.79	5.00	"	25.0		15.2	10-137				
Carbazole	16.3	5.00	"	25.0		65.1	42-126				
Dibenzofuran	18.9	5.00	"	25.0		75.5	36-113				
Diethyl phthalate	18.2	5.00	"	25.0		72.9	38-115				
Dimethyl phthalate	17.8	5.00	"	25.0		71.1	38-129				
Di-n-butyl phthalate	19.4	5.00	"	25.0		77.6	31-120				
Di-n-octyl phthalate	23.6	5.00	"	25.0		94.6	21-149				
Diphenylamine	24.4	5.00	"	25.0		97.7	40-140				
Hexachlorocyclopentadiene	8.13	10.0	"	25.0		32.5	10-130				
Isophorone	18.3	5.00	"	25.0		73.2	25-127				
N-nitroso-di-n-propylamine	20.1	5.00	"	25.0		80.5	26-122				
N-Nitrosodiphenylamine	25.6	5.00	"	25.0		102	23-149				
Phenol	6.68	5.00	"	25.0		26.7	10-110				
Pyridine	5.19	5.00	"	25.0		20.8	10-90				
Surrogate: 2-Fluorophenol	*28.3*		*"*	*76.4*		*37.0*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80556 - EPA 3510C											
LCS (BA80556-BS1)								Prepared & Analyzed: 01/16/2018			
Surrogate: Phenol-d5	*19.6*		*ug/L*	*77.7*		*25.2*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*45.6*		*"*	*54.4*		*83.7*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*38.2*		*"*	*52.7*		*72.5*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*75.5*		*"*	*77.6*		*97.2*	*39.3-151*				
Surrogate: Terphenyl-d14	*32.6*		*"*	*50.6*		*64.4*	*30.7-106*				
LCS (BA80556-BS2)								Prepared & Analyzed: 01/16/2018			
Acenaphthene	0.750	0.0500	ug/L	1.00		75.0	25-116				
Acenaphthylene	0.780	0.0500	"	1.00		78.0	26-116				
Anthracene	0.770	0.0500	"	1.00		77.0	25-123				
Benzo(a)anthracene	0.890	0.0500	"	1.00		89.0	33-125				
Benzo(a)pyrene	0.900	0.0500	"	1.00		90.0	32-132				
Benzo(b)fluoranthene	0.840	0.0500	"	1.00		84.0	22-137				
Benzo(g,h,i)perylene	0.990	0.0500	"	1.00		99.0	10-138				
Benzo(k)fluoranthene	0.830	0.0500	"	1.00		83.0	20-137				
Bis(2-ethylhexyl)phthalate	1.01	0.500	"	1.00		101	10-189				
Chrysene	0.770	0.0500	"	1.00		77.0	32-124				
Dibenzo(a,h)anthracene	1.00	0.0500	"	1.00		100	16-133				
Fluoranthene	0.900	0.0500	"	1.00		90.0	32-121				
Fluorene	0.800	0.0500	"	1.00		80.0	28-118				
Hexachlorobenzene	0.760	0.0200	"	1.00		76.0	23-124				
Hexachlorobutadiene	0.520	0.500	"	1.00		52.0	15-123				
Hexachloroethane	0.550	0.500	"	1.00		55.0	18-115				
Indeno(1,2,3-cd)pyrene	0.960	0.0500	"	1.00		96.0	15-135				
Naphthalene	0.780	0.0500	"	1.00		78.0	18-120				
Nitrobenzene	1.87	0.250	"	1.00		187	21-121	High Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.680	0.250	"	1.00		68.0	10-156				
Phenanthrene	0.770	0.0500	"	1.00		77.0	24-127				
Pyrene	0.830	0.0500	"	1.00		83.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80556 - EPA 3510C											
LCS Dup (BA80556-BSD1)								Prepared & Analyzed: 01/16/2018			
1,1-Biphenyl	19.4	5.00	ug/L	25.0		77.8	33-95		4.58	20	
1,2,4,5-Tetrachlorobenzene	17.1	5.00	"	25.0		68.2	26-120		0.647	20	
1,2-Diphenylhydrazine (as Azobenzene)	18.3	5.00	"	25.0		73.2	16-141		2.04	20	
2,3,4,6-Tetrachlorophenol	18.6	5.00	"	25.0		74.4	30-130		4.56	20	
2,4,5-Trichlorophenol	18.6	5.00	"	25.0		74.4	32-114		1.86	20	
2,4,6-Trichlorophenol	18.7	5.00	"	25.0		74.8	35-118		1.64	20	
2,4-Dichlorophenol	19.9	5.00	"	25.0		79.5	25-116		2.24	20	
2,4-Dimethylphenol	19.3	5.00	"	25.0		77.1	15-116		0.518	20	
2,4-Dinitrophenol	16.0	5.00	"	25.0		64.1	10-170		3.81	20	
2,4-Dinitrotoluene	17.9	5.00	"	25.0		71.7	41-128		4.26	20	
2,6-Dinitrotoluene	17.9	5.00	"	25.0		71.6	45-116		5.27	20	
2-Chloronaphthalene	14.7	5.00	"	25.0		58.8	33-112		0.949	20	
2-Chlorophenol	17.6	5.00	"	25.0		70.6	15-120		2.30	20	
2-Methylnaphthalene	21.3	5.00	"	25.0		85.3	24-118		4.18	20	
2-Methylphenol	15.4	5.00	"	25.0		61.6	10-110		4.13	20	
2-Nitroaniline	19.6	5.00	"	25.0		78.4	34-129		1.28	20	
2-Nitrophenol	21.9	5.00	"	25.0		87.4	28-118		1.10	20	
3- & 4-Methylphenols	13.2	5.00	"	25.0		52.8	10-107		2.99	20	
3,3-Dichlorobenzidine	18.4	5.00	"	25.0		73.7	15-187		1.83	20	
3-Nitroaniline	15.9	5.00	"	25.0		63.5	24-134		11.1	20	
4,6-Dinitro-2-methylphenol	16.2	5.00	"	25.0		64.7	10-153		4.71	20	
4-Bromophenyl phenyl ether	20.5	5.00	"	25.0		82.0	34-120		0.440	20	
4-Chloro-3-methylphenol	21.7	5.00	"	25.0		86.7	20-120		2.01	20	
4-Chloroaniline	14.3	5.00	"	25.0		57.3	10-147		17.2	20	
4-Chlorophenyl phenyl ether	18.1	5.00	"	25.0		72.4	27-121		3.16	20	
4-Nitroaniline	17.9	5.00	"	25.0		71.8	13-134		1.49	20	
4-Nitrophenol	8.02	5.00	"	25.0		32.1	10-131		7.50	20	
Acetophenone	23.0	5.00	"	25.0		91.8	25-110		0.262	20	
Aniline	9.01	5.00	"	25.0		36.0	10-117		10.2	20	
Benzaldehyde	22.8	5.00	"	25.0		91.0	29-117		1.77	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	12.8	5.00	"	25.0		51.0	10-117		1.79	20	
Benzyl butyl phthalate	23.9	5.00	"	25.0		95.4	29-133		1.29	20	
Bis(2-chloroethoxy)methane	22.1	5.00	"	25.0		88.5	10-154		2.59	20	
Bis(2-chloroethyl)ether	18.8	5.00	"	25.0		75.3	17-125		1.58	20	
Bis(2-chloroisopropyl)ether	20.9	5.00	"	25.0		83.5	10-139		4.46	20	
Caprolactam	4.03	5.00	"	25.0		16.1	10-137		6.14	20	
Carbazole	15.9	5.00	"	25.0		63.5	42-126		2.49	20	
Dibenzofuran	18.3	5.00	"	25.0		73.1	36-113		3.18	20	
Diethyl phthalate	17.9	5.00	"	25.0		71.5	38-115		1.94	20	
Dimethyl phthalate	17.6	5.00	"	25.0		70.3	38-129		1.07	20	
Di-n-butyl phthalate	18.9	5.00	"	25.0		75.7	31-120		2.40	20	
Di-n-octyl phthalate	23.9	5.00	"	25.0		95.6	21-149		1.05	20	
Diphenylamine	23.3	5.00	"	25.0		93.1	40-140		4.86	20	
Hexachlorocyclopentadiene	7.96	10.0	"	25.0		31.8	10-130		2.11	20	
Isophorone	18.1	5.00	"	25.0		72.3	25-127		1.21	20	
N-nitroso-di-n-propylamine	19.6	5.00	"	25.0		78.3	26-122		2.82	20	
N-Nitrosodiphenylamine	23.4	5.00	"	25.0		93.6	23-149		8.94	20	
Phenol	6.51	5.00	"	25.0		26.0	10-110		2.58	20	
Pyridine	5.10	5.00	"	25.0		20.4	10-90		1.75	20	
Surrogate: 2-Fluorophenol	*28.7*		*"*	*76.4*		*37.6*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80556 - EPA 3510C											
LCS Dup (BA80556-BSD1)											
Surrogate: Phenol-d5	*19.4*		*ug/L*	*77.7*		*25.0*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*45.8*		*"*	*54.4*		*84.2*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*38.5*		*"*	*52.7*		*73.1*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*74.6*		*"*	*77.6*		*96.2*	*39.3-151*				
Surrogate: Terphenyl-d14	*32.0*		*"*	*50.6*		*63.2*	*30.7-106*				
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								

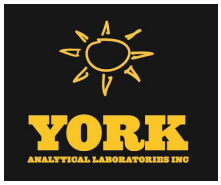
Prepared & Analyzed: 01/16/2018

Prepared: 01/24/2018 Analyzed: 01/25/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)											
Prepared: 01/24/2018 Analyzed: 01/25/2018											
Benzyl butyl phthalate	ND	0.0417	mg/kg wet								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.89*		"	*2.55*		*74.1*	*20-108*				
Surrogate: Phenol-d5	*2.10*		"	*2.59*		*81.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.64*		"	*1.81*		*90.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.30*		"	*1.76*		*74.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.24*		"	*2.59*		*86.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.11*		"	*1.69*		*66.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
LCS (BA80942-BS1)								Prepared: 01/24/2018 Analyzed: 01/25/2018			
1,1-Biphenyl	0.694	0.0417	mg/kg wet	0.833		83.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.761	0.0833	"	0.833		91.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.683	0.0417	"	0.833		81.9	17-137				
2,3,4,6-Tetrachlorophenol	0.644	0.0833	"	0.833		77.2	30-130				
2,4,5-Trichlorophenol	0.807	0.0417	"	0.833		96.8	27-118				
2,4,6-Trichlorophenol	0.770	0.0417	"	0.833		92.4	31-120				
2,4-Dichlorophenol	0.781	0.0417	"	0.833		93.8	20-127				
2,4-Dimethylphenol	0.778	0.0417	"	0.833		93.3	14-132				
2,4-Dinitrophenol	0.784	0.0833	"	0.833		94.1	10-171				
2,4-Dinitrotoluene	0.764	0.0417	"	0.833		91.6	34-131				
2,6-Dinitrotoluene	0.779	0.0417	"	0.833		93.5	31-128				
2-Chloronaphthalene	0.589	0.0417	"	0.833		70.6	31-117				
2-Chlorophenol	0.670	0.0417	"	0.833		80.4	33-113				
2-Methylnaphthalene	0.788	0.0417	"	0.833		94.6	12-138				
2-Methylphenol	0.751	0.0417	"	0.833		90.1	10-136				
2-Nitroaniline	0.817	0.0833	"	0.833		98.1	27-132				
2-Nitrophenol	0.844	0.0417	"	0.833		101	17-129				
3- & 4-Methylphenols	0.693	0.0417	"	0.833		83.1	29-103				
3,3-Dichlorobenzidine	0.663	0.0417	"	0.833		79.6	22-149				
3-Nitroaniline	0.528	0.0833	"	0.833		63.4	20-133				
4,6-Dinitro-2-methylphenol	0.850	0.0833	"	0.833		102	10-143				
4-Bromophenyl phenyl ether	0.735	0.0417	"	0.833		88.2	29-120				
4-Chloro-3-methylphenol	0.899	0.0417	"	0.833		108	24-129				
4-Chloroaniline	0.473	0.0417	"	0.833		56.8	10-132				
4-Chlorophenyl phenyl ether	0.747	0.0417	"	0.833		89.6	27-124				
4-Nitroaniline	0.696	0.0833	"	0.833		83.5	16-128				
4-Nitrophenol	0.952	0.0833	"	0.833		114	10-141				
Acenaphthene	0.712	0.0417	"	0.833		85.4	30-121				
Acenaphthylene	0.660	0.0417	"	0.833		79.2	30-115				
Acetophenone	0.771	0.0417	"	0.833		92.6	20-112				
Aniline	0.563	0.167	"	0.833		67.5	10-119				
Anthracene	0.715	0.0417	"	0.833		85.8	34-118				
Atrazine	0.886	0.0417	"	0.833		106	26-112				
Benzaldehyde	0.720	0.0417	"	0.833		86.4	21-100				
Benzo(a)anthracene	0.842	0.0417	"	0.833		101	32-122				
Benzo(a)pyrene	0.820	0.0417	"	0.833		98.4	29-133				
Benzo(b)fluoranthene	0.757	0.0417	"	0.833		90.8	25-133				
Benzo(g,h,i)perylene	0.709	0.0417	"	0.833		85.1	10-143				
Benzo(k)fluoranthene	0.736	0.0417	"	0.833		88.4	25-128				
Benzoic acid	0.431	0.0417	"	0.967		44.6	10-140				
Benzyl alcohol	0.726	0.0417	"	0.833		87.2	30-115				
Benzyl butyl phthalate	0.884	0.0417	"	0.833		106	26-126				
Bis(2-chloroethoxy)methane	0.841	0.0417	"	0.833		101	19-132				
Bis(2-chloroethyl)ether	0.671	0.0417	"	0.833		80.6	19-125				
Bis(2-chloroisopropyl)ether	0.724	0.0417	"	0.833		86.8	20-135				
Bis(2-ethylhexyl)phthalate	0.884	0.0417	"	0.833		106	10-155				
Caprolactam	0.933	0.0833	"	0.833		112	10-127				
Carbazole	0.626	0.0417	"	0.833		75.1	35-123				
Chrysene	0.720	0.0417	"	0.833		86.4	32-123				
Dibenzo(a,h)anthracene	0.757	0.0417	"	0.833		90.8	10-136				
Dibenzofuran	0.728	0.0417	"	0.833		87.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
LCS (BA80942-BS1)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
Diethyl phthalate	0.728	0.0417	mg/kg wet	0.833		87.3	34-116				
Dimethyl phthalate	0.731	0.0417	"	0.833		87.7	35-124				
Di-n-butyl phthalate	0.753	0.0417	"	0.833		90.3	31-116				
Di-n-octyl phthalate	0.904	0.0417	"	0.833		108	26-136				
Diphenylamine	0.896	0.0833	"	0.833		108	40-140				
Fluoranthene	0.781	0.0417	"	0.833		93.8	33-122				
Fluorene	0.738	0.0417	"	0.833		88.6	29-123				
Hexachlorobenzene	0.576	0.0417	"	0.833		69.2	21-124				
Hexachlorobutadiene	0.644	0.0417	"	0.833		77.2	10-149				
Hexachlorocyclopentadiene	0.430	0.0417	"	0.833		51.6	10-129				
Hexachloroethane	0.573	0.0417	"	0.833		68.8	28-108				
Indeno(1,2,3-cd)pyrene	0.760	0.0417	"	0.833		91.2	10-135				
Isophorone	0.684	0.0417	"	0.833		82.1	20-132				
Naphthalene	0.742	0.0417	"	0.833		89.0	23-124				
Nitrobenzene	0.654	0.0417	"	0.833		78.5	13-132				
N-Nitrosodimethylamine	0.528	0.0417	"	0.833		63.3	11-129				
N-nitroso-di-n-propylamine	0.721	0.0417	"	0.833		86.6	24-119				
N-Nitrosodiphenylamine	0.917	0.0417	"	0.833		110	22-152				
Pentachlorophenol	0.481	0.0417	"	0.833		57.8	10-139				
Phenanthrene	0.745	0.0417	"	0.833		89.4	33-123				
Phenol	0.708	0.0417	"	0.833		85.0	23-115				
Pyrene	0.772	0.0417	"	0.833		92.7	32-130				
Pyridine	0.427	0.167	"	0.833		51.3	10-91				
Surrogate: 2-Fluorophenol	*1.95*		"	*2.55*		*76.7*	*20-108*				
Surrogate: Phenol-d5	*2.23*		"	*2.59*		*86.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.66*		"	*1.81*		*91.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.40*		"	*1.76*		*79.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.54*		"	*2.59*		*98.4*	*19-110*				
Surrogate: Terphenyl-d14	*1.20*		"	*1.69*		*71.3*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Matrix Spike (BA80942-MS1)	*Source sample: 18A0420-03 (SB110_17-18)							Prepared: 01/24/2018 Analyzed: 01/25/2018			
1,1-Biphenyl	0.748	0.0883	mg/kg dry	0.882	ND	84.8	10-130				
1,2,4,5-Tetrachlorobenzene	0.798	0.176	"	0.882	ND	90.5	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.706	0.0883	"	0.882	ND	80.0	10-144				
2,3,4,6-Tetrachlorophenol	0.158	0.176	"	0.882	ND	17.9	30-130	Low Bias			
2,4,5-Trichlorophenol	0.640	0.0883	"	0.882	ND	72.6	10-127				
2,4,6-Trichlorophenol	0.469	0.0883	"	0.882	ND	53.1	10-132				
2,4-Dichlorophenol	0.776	0.0883	"	0.882	ND	87.9	10-128				
2,4-Dimethylphenol	0.781	0.0883	"	0.882	ND	88.5	10-137				
2,4-Dinitrophenol	ND	0.176	"	0.882	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.736	0.0883	"	0.882	ND	83.4	16-135				
2,6-Dinitrotoluene	0.784	0.0883	"	0.882	ND	88.9	18-131				
2-Chloronaphthalene	0.592	0.0883	"	0.882	ND	67.1	10-129				
2-Chlorophenol	0.697	0.0883	"	0.882	ND	79.0	15-116				
2-Methylnaphthalene	0.772	0.0883	"	0.882	ND	87.5	10-147				
2-Methylphenol	0.745	0.0883	"	0.882	ND	84.5	10-136				
2-Nitroaniline	0.805	0.176	"	0.882	ND	91.3	10-137				
2-Nitrophenol	0.622	0.0883	"	0.882	ND	70.5	10-129				
3- & 4-Methylphenols	0.690	0.0883	"	0.882	ND	78.2	10-123				
3,3-Dichlorobenzidine	0.587	0.0883	"	0.882	ND	66.6	10-155				
3-Nitroaniline	0.610	0.176	"	0.882	ND	69.1	12-133				
4,6-Dinitro-2-methylphenol	0.152	0.176	"	0.882	ND	17.3	10-155				
4-Bromophenyl phenyl ether	0.762	0.0883	"	0.882	ND	86.3	14-128				
4-Chloro-3-methylphenol	0.972	0.0883	"	0.882	ND	110	10-134				
4-Chloroaniline	0.577	0.0883	"	0.882	ND	65.4	10-145				
4-Chlorophenyl phenyl ether	0.750	0.0883	"	0.882	ND	85.0	14-130				
4-Nitroaniline	0.671	0.176	"	0.882	ND	76.0	10-147				
4-Nitrophenol	0.603	0.176	"	0.882	ND	68.3	10-137				
Acenaphthene	0.747	0.0883	"	0.882	ND	84.6	10-146				
Acenaphthylene	0.677	0.0883	"	0.882	ND	76.7	10-134				
Acetophenone	0.740	0.0883	"	0.882	ND	83.8	10-116				
Aniline	0.468	0.354	"	0.882	ND	53.0	10-123				
Anthracene	0.794	0.0883	"	0.882	ND	90.0	10-142				
Atrazine	0.853	0.0883	"	0.882	ND	96.7	19-115				
Benzaldehyde	0.740	0.0883	"	0.882	ND	83.9	10-125				
Benzo(a)anthracene	0.960	0.0883	"	0.882	0.0953	98.0	10-158				
Benzo(a)pyrene	0.817	0.0883	"	0.882	0.0847	83.0	10-180				
Benzo(b)fluoranthene	0.829	0.0883	"	0.882	0.0755	85.4	10-200				
Benzo(g,h,i)perylene	0.680	0.0883	"	0.882	0.0593	70.3	10-138				
Benzo(k)fluoranthene	0.702	0.0883	"	0.882	0.0727	71.3	10-197				
Benzoic acid	ND	0.0883	"	1.02	ND		10-166	Low Bias			
Benzyl alcohol	0.728	0.0883	"	0.882	ND	82.6	12-124				
Benzyl butyl phthalate	0.901	0.0883	"	0.882	ND	102	10-154				
Bis(2-chloroethoxy)methane	0.838	0.0883	"	0.882	ND	95.0	10-132				
Bis(2-chloroethyl)ether	0.643	0.0883	"	0.882	ND	72.9	10-119				
Bis(2-chloroisopropyl)ether	0.658	0.0883	"	0.882	ND	74.6	10-139				
Bis(2-ethylhexyl)phthalate	0.958	0.0883	"	0.882	0.0579	102	10-167				
Caprolactam	0.975	0.176	"	0.882	ND	110	10-132				
Carbazole	0.618	0.0883	"	0.882	ND	70.0	10-167				
Chrysene	0.808	0.0883	"	0.882	0.0861	81.8	10-156				
Dibenzo(a,h)anthracene	0.739	0.0883	"	0.882	ND	83.8	10-137				
Dibenzofuran	0.698	0.0883	"	0.882	ND	79.1	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

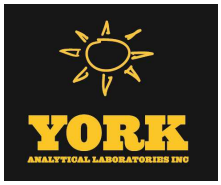
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Matrix Spike (BA80942-MS1)	*Source sample: 18A0420-03 (SB110_17-18)							Prepared: 01/24/2018 Analyzed: 01/25/2018			
Diethyl phthalate	0.706	0.0883	mg/kg dry	0.882	ND	80.0	20-120				
Dimethyl phthalate	0.709	0.0883	"	0.882	ND	80.3	18-131				
Di-n-butyl phthalate	0.736	0.0883	"	0.882	ND	83.4	10-137				
Di-n-octyl phthalate	0.866	0.0883	"	0.882	ND	98.2	10-180				
Diphenylamine	0.904	0.176	"	0.882	ND	102	40-140				
Fluoranthene	1.28	0.0883	"	0.882	0.196	123	10-160				
Fluorene	0.731	0.0883	"	0.882	ND	82.9	10-157				
Hexachlorobenzene	0.626	0.0883	"	0.882	ND	71.0	10-137				
Hexachlorobutadiene	0.585	0.0883	"	0.882	ND	66.3	10-132				
Hexachlorocyclopentadiene	0.323	0.0883	"	0.882	ND	36.6	10-106				
Hexachloroethane	0.554	0.0883	"	0.882	ND	62.8	10-110				
Indeno(1,2,3-cd)pyrene	0.700	0.0883	"	0.882	ND	79.4	10-144				
Isophorone	0.655	0.0883	"	0.882	ND	74.2	10-132				
Naphthalene	0.716	0.0883	"	0.882	ND	81.2	10-141				
Nitrobenzene	0.623	0.0883	"	0.882	ND	70.6	10-131				
N-Nitrosodimethylamine	0.515	0.0883	"	0.882	ND	58.4	10-126				
N-nitroso-di-n-propylamine	0.738	0.0883	"	0.882	ND	83.7	10-125				
N-Nitrosodiphenylamine	0.952	0.0883	"	0.882	ND	108	10-177				
Pentachlorophenol	ND	0.0883	"	0.882	ND		10-153	Low Bias			
Phenanthrene	1.21	0.0883	"	0.882	0.102	125	10-148				
Phenol	0.717	0.0883	"	0.882	ND	81.3	10-126				
Pyrene	1.48	0.0883	"	0.882	0.253	139	10-165				
Pyridine	0.385	0.354	"	0.882	ND	43.7	10-83				
Surrogate: 2-Fluorophenol	*1.84*		"	*2.70*		*68.1*	*20-108*				
Surrogate: Phenol-d5	*2.11*		"	*2.74*		*77.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.56*		"	*1.92*		*81.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.40*		"	*1.86*		*75.4*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.24*		"	*2.74*		*45.2*	*19-110*				
Surrogate: Terphenyl-d14	*1.22*		"	*1.79*		*68.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Matrix Spike Dup (BA80942-MSD1)	*Source sample: 18A0420-03 (SB110_17-18)								Prepared: 01/24/2018 Analyzed: 01/25/2018		
1,1-Biphenyl	0.587	0.0883	mg/kg dry	0.882	ND	66.6	10-130		24.1	30	
1,2,4,5-Tetrachlorobenzene	0.616	0.176	"	0.882	ND	69.8	10-133		25.9	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.640	0.0883	"	0.882	ND	72.6	10-144		9.75	30	
2,3,4,6-Tetrachlorophenol	0.116	0.176	"	0.882	ND	13.2	30-130	Low Bias	30.3	30	Non-dir.
2,4,5-Trichlorophenol	0.542	0.0883	"	0.882	ND	61.4	10-127		16.6	30	
2,4,6-Trichlorophenol	0.337	0.0883	"	0.882	ND	38.2	10-132		32.8	30	Non-dir.
2,4-Dichlorophenol	0.726	0.0883	"	0.882	ND	82.2	10-128		6.68	30	
2,4-Dimethylphenol	0.731	0.0883	"	0.882	ND	82.8	10-137		6.63	30	
2,4-Dinitrophenol	ND	0.176	"	0.882	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.642	0.0883	"	0.882	ND	72.7	16-135		13.7	30	
2,6-Dinitrotoluene	0.658	0.0883	"	0.882	ND	74.6	18-131		17.5	30	
2-Chloronaphthalene	0.479	0.0883	"	0.882	ND	54.2	10-129		21.2	30	
2-Chlorophenol	0.599	0.0883	"	0.882	ND	67.9	15-116		15.0	30	
2-Methylnaphthalene	0.680	0.0883	"	0.882	ND	77.1	10-147		12.6	30	
2-Methylphenol	0.723	0.0883	"	0.882	ND	81.9	10-136		3.08	30	
2-Nitroaniline	0.740	0.176	"	0.882	ND	83.8	10-137		8.50	30	
2-Nitrophenol	0.541	0.0883	"	0.882	ND	61.4	10-129		13.8	30	
3- & 4-Methylphenols	0.673	0.0883	"	0.882	ND	76.3	10-123		2.48	30	
3,3-Dichlorobenzidine	0.622	0.0883	"	0.882	ND	70.5	10-155		5.72	30	
3-Nitroaniline	0.594	0.176	"	0.882	ND	67.4	12-133		2.58	30	
4,6-Dinitro-2-methylphenol	0.100	0.176	"	0.882	ND	11.4	10-155		41.3	30	Non-dir.
4-Bromophenyl phenyl ether	0.623	0.0883	"	0.882	ND	70.6	14-128		20.0	30	
4-Chloro-3-methylphenol	0.813	0.0883	"	0.882	ND	92.2	10-134		17.8	30	
4-Chloroaniline	0.542	0.0883	"	0.882	ND	61.4	10-145		6.18	30	
4-Chlorophenyl phenyl ether	0.654	0.0883	"	0.882	ND	74.1	14-130		13.7	30	
4-Nitroaniline	0.575	0.176	"	0.882	ND	65.1	10-147		15.4	30	
4-Nitrophenol	0.549	0.176	"	0.882	ND	62.2	10-137		9.31	30	
Acenaphthene	0.688	0.0883	"	0.882	ND	77.9	10-146		8.27	30	
Acenaphthylene	0.642	0.0883	"	0.882	ND	72.7	10-134		5.35	30	
Acetophenone	0.719	0.0883	"	0.882	ND	81.4	10-116		2.90	30	
Aniline	0.412	0.354	"	0.882	ND	46.7	10-123		12.7	30	
Anthracene	0.707	0.0883	"	0.882	ND	80.1	10-142		11.7	30	
Atrazine	0.904	0.0883	"	0.882	ND	102	19-115		5.71	30	
Benzaldehyde	0.646	0.0883	"	0.882	ND	73.2	10-125		13.6	30	
Benzo(a)anthracene	0.877	0.0883	"	0.882	0.0953	88.6	10-158		9.07	30	
Benzo(a)pyrene	0.668	0.0883	"	0.882	0.0847	66.2	10-180		20.0	30	
Benzo(b)fluoranthene	0.667	0.0883	"	0.882	0.0755	67.0	10-200		21.6	30	
Benzo(g,h,i)perylene	0.508	0.0883	"	0.882	0.0593	50.8	10-138		29.0	30	
Benzo(k)fluoranthene	0.613	0.0883	"	0.882	0.0727	61.2	10-197		13.5	30	
Benzoic acid	ND	0.0883	"	1.02	ND		10-166	Low Bias		30	
Benzyl alcohol	0.668	0.0883	"	0.882	ND	75.8	12-124		8.59	30	
Benzyl butyl phthalate	1.05	0.0883	"	0.882	ND	119	10-154		15.4	30	
Bis(2-chloroethoxy)methane	0.764	0.0883	"	0.882	ND	86.6	10-132		9.16	30	
Bis(2-chloroethyl)ether	0.573	0.0883	"	0.882	ND	65.0	10-119		11.5	30	
Bis(2-chloroisopropyl)ether	0.673	0.0883	"	0.882	ND	76.3	10-139		2.33	30	
Bis(2-ethylhexyl)phthalate	0.913	0.0883	"	0.882	0.0579	97.0	10-167		4.75	30	
Caprolactam	0.927	0.176	"	0.882	ND	105	10-132		5.05	30	
Carbazole	0.626	0.0883	"	0.882	ND	71.0	10-167		1.36	30	
Chrysene	0.712	0.0883	"	0.882	0.0861	70.9	10-156		12.6	30	
Dibenzo(a,h)anthracene	0.563	0.0883	"	0.882	ND	63.8	10-137		27.1	30	
Dibenzofuran	0.597	0.0883	"	0.882	ND	67.7	10-147		15.6	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Matrix Spike Dup (BA80942-MSD1)	*Source sample: 18A0420-03 (SB110_17-18)								Prepared: 01/24/2018 Analyzed: 01/25/2018		
Diethyl phthalate	0.645	0.0883	mg/kg dry	0.882	ND	73.1	20-120		8.99	30	
Dimethyl phthalate	0.673	0.0883	"	0.882	ND	76.2	18-131		5.21	30	
Di-n-butyl phthalate	0.738	0.0883	"	0.882	ND	83.6	10-137		0.192	30	
Di-n-octyl phthalate	0.839	0.0883	"	0.882	ND	95.1	10-180		3.15	30	
Diphenylamine	0.764	0.176	"	0.882	ND	86.6	40-140		16.7	30	
Fluoranthene	0.882	0.0883	"	0.882	0.196	77.7	10-160		37.1	30	Non-dir.
Fluorene	0.623	0.0883	"	0.882	ND	70.6	10-157		16.1	30	
Hexachlorobenzene	0.566	0.0883	"	0.882	ND	64.2	10-137		10.1	30	
Hexachlorobutadiene	0.529	0.0883	"	0.882	ND	59.9	10-132		10.1	30	
Hexachlorocyclopentadiene	0.208	0.0883	"	0.882	ND	23.5	10-106		43.6	30	Non-dir.
Hexachloroethane	0.534	0.0883	"	0.882	ND	60.5	10-110		3.76	30	
Indeno(1,2,3-cd)pyrene	0.546	0.0883	"	0.882	ND	61.9	10-144		24.7	30	
Isophorone	0.647	0.0883	"	0.882	ND	73.3	10-132		1.30	30	
Naphthalene	0.678	0.0883	"	0.882	ND	76.9	10-141		5.47	30	
Nitrobenzene	0.608	0.0883	"	0.882	ND	69.0	10-131		2.29	30	
N-Nitrosodimethylamine	0.449	0.0883	"	0.882	ND	50.9	10-126		13.8	30	
N-nitroso-di-n-propylamine	0.685	0.0883	"	0.882	ND	77.7	10-125		7.44	30	
N-Nitrosodiphenylamine	0.853	0.0883	"	0.882	ND	96.6	10-177		11.0	30	
Pentachlorophenol	ND	0.0883	"	0.882	ND		10-153	Low Bias		30	
Phenanthrene	0.880	0.0883	"	0.882	0.102	88.2	10-148		31.3	30	Non-dir.
Phenol	0.625	0.0883	"	0.882	ND	70.9	10-126		13.7	30	
Pyrene	1.18	0.0883	"	0.882	0.253	105	10-165		22.4	30	
Pyridine	0.322	0.354	"	0.882	ND	36.5	10-83		18.0	30	
Surrogate: 2-Fluorophenol	*1.59*		"	*2.70*		*58.8*	*20-108*				
Surrogate: Phenol-d5	*1.98*		"	*2.74*		*72.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.60*		"	*1.92*		*83.1*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.14*		"	*1.86*		*61.4*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.03*		"	*2.74*		*37.7*	*19-110*				
Surrogate: Terphenyl-d14	*1.20*		"	*1.79*		*67.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80547 - EPA 3550C											
Blank (BA80547-BLK1)								Prepared & Analyzed: 01/16/2018			
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BA80556 - EPA 3510C											
Blank (BA80556-BLK1)								Prepared & Analyzed: 01/16/2018			
Tentatively Identified Compounds	0.00		ug/L								
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)								Prepared: 01/24/2018 Analyzed: 01/25/2018			
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80548 - EPA 3550C											
Blank (BA80548-BLK1)											Prepared & Analyzed: 01/16/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0640*		*"*	*0.0667*		*96.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0447*		*"*	*0.0667*		*67.0*	*30-150*				
LCS (BA80548-BS1)											Prepared & Analyzed: 01/16/2018
4,4'-DDD	0.0342	0.000330	mg/kg wet	0.0333		103	40-140				
4,4'-DDE	0.0314	0.000330	"	0.0333		94.3	40-140				
4,4'-DDT	0.0308	0.000330	"	0.0333		92.5	40-140				
Aldrin	0.0334	0.000330	"	0.0333		100	40-140				
alpha-BHC	0.0341	0.000330	"	0.0333		102	40-140				
alpha-Chlordane	0.0311	0.000330	"	0.0333		93.2	40-140				
beta-BHC	0.0331	0.000330	"	0.0333		99.3	40-140				
delta-BHC	0.0356	0.000330	"	0.0333		107	40-140				
Dieldrin	0.0328	0.000330	"	0.0333		98.5	40-140				
Endosulfan I	0.0364	0.000330	"	0.0333		109	40-140				
Endosulfan II	0.0345	0.000330	"	0.0333		103	40-140				
Endosulfan sulfate	0.0341	0.000330	"	0.0333		102	40-140				
Endrin	0.0305	0.000330	"	0.0333		91.6	40-140				
Endrin aldehyde	0.0338	0.000330	"	0.0333		101	40-140				
Endrin ketone	0.0362	0.000330	"	0.0333		109	40-140				
gamma-BHC (Lindane)	0.0331	0.000330	"	0.0333		99.4	40-140				
gamma-Chlordane	0.0314	0.000330	"	0.0333		94.2	40-140				
Heptachlor	0.0310	0.000330	"	0.0333		93.0	40-140				
Heptachlor epoxide	0.0316	0.000330	"	0.0333		94.7	40-140				
Methoxychlor	0.0288	0.00165	"	0.0333		86.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0608*		*"*	*0.0667*		*91.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0444*		*"*	*0.0667*		*66.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80673 - EPA SW846-3510C Low Level											
Blank (BA80673-BLK1)									Prepared: 01/18/2018 Analyzed: 01/19/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.158*		*"*	*0.209*		*75.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.131*		*"*	*0.202*		*65.1*	*30-150*				
LCS (BA80673-BS1)									Prepared: 01/18/2018 Analyzed: 01/19/2018		
4,4'-DDD	0.0987	0.00400	ug/L	0.100		98.7	40-140				
4,4'-DDE	0.0900	0.00400	"	0.100		90.0	40-140				
4,4'-DDT	0.0988	0.00400	"	0.100		98.8	40-140				
Aldrin	0.0730	0.00400	"	0.100		73.0	40-140				
alpha-BHC	0.0737	0.00400	"	0.100		73.7	40-140				
alpha-Chlordane	0.0716	0.00400	"	0.100		71.6	40-140				
beta-BHC	0.0853	0.00400	"	0.100		85.3	40-140				
delta-BHC	0.0430	0.00400	"	0.100		43.0	40-140				
Dieldrin	0.0817	0.00200	"	0.100		81.7	40-140				
Endosulfan I	0.0820	0.00400	"	0.100		82.0	40-140				
Endosulfan II	0.0892	0.00400	"	0.100		89.2	40-140				
Endosulfan sulfate	0.0846	0.00400	"	0.100		84.6	40-140				
Endrin	0.0844	0.00400	"	0.100		84.4	40-140				
Endrin aldehyde	0.0938	0.0100	"	0.100		93.8	40-140				
Endrin ketone	0.104	0.0100	"	0.100		104	40-140				
gamma-BHC (Lindane)	0.0751	0.00400	"	0.100		75.1	40-140				
gamma-Chlordane	0.0694	0.0100	"	0.100		69.4	40-140				
Heptachlor	0.0751	0.00400	"	0.100		75.1	40-140				
Heptachlor epoxide	0.0789	0.00400	"	0.100		78.9	40-140				
Methoxychlor	0.102	0.00400	"	0.100		102	40-140				
Surrogate: Decachlorobiphenyl	*0.196*		*"*	*0.209*		*93.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.146*		*"*	*0.202*		*72.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80673 - EPA SW846-3510C Low Level											
LCS Dup (BA80673-BSD1)					Prepared: 01/18/2018 Analyzed: 01/19/2018						
4,4'-DDD	0.0847	0.00400	ug/L	0.100		84.7	40-140		15.4	20	
4,4'-DDE	0.0799	0.00400	"	0.100		79.9	40-140		11.8	20	
4,4'-DDT	0.0843	0.00400	"	0.100		84.3	40-140		15.9	20	
Aldrin	0.0674	0.00400	"	0.100		67.4	40-140		7.96	20	
alpha-BHC	0.0695	0.00400	"	0.100		69.5	40-140		5.78	20	
alpha-Chlordane	0.0665	0.00400	"	0.100		66.5	40-140		7.33	20	
beta-BHC	0.0787	0.00400	"	0.100		78.7	40-140		8.08	20	
delta-BHC	0.0421	0.00400	"	0.100		42.1	40-140		2.25	20	
Dieldrin	0.0751	0.00200	"	0.100		75.1	40-140		8.42	20	
Endosulfan I	0.0754	0.00400	"	0.100		75.4	40-140		8.44	20	
Endosulfan II	0.0786	0.00400	"	0.100		78.6	40-140		12.7	20	
Endosulfan sulfate	0.0728	0.00400	"	0.100		72.8	40-140		14.9	20	
Endrin	0.0765	0.00400	"	0.100		76.5	40-140		9.73	20	
Endrin aldehyde	0.0821	0.0100	"	0.100		82.1	40-140		13.3	20	
Endrin ketone	0.0900	0.0100	"	0.100		90.0	40-140		14.8	20	
gamma-BHC (Lindane)	0.0705	0.00400	"	0.100		70.5	40-140		6.35	20	
gamma-Chlordane	0.0645	0.0100	"	0.100		64.5	40-140		7.35	20	
Heptachlor	0.0712	0.00400	"	0.100		71.2	40-140		5.43	20	
Heptachlor epoxide	0.0731	0.00400	"	0.100		73.1	40-140		7.68	20	
Methoxychlor	0.0854	0.00400	"	0.100		85.4	40-140		17.6	20	
Surrogate: Decachlorobiphenyl	*0.165*		*"*	*0.209*		*78.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.138*		*"*	*0.202*		*68.2*	*30-150*				
Batch BA80943 - EPA 3550C											
Blank (BA80943-BLK1)					Prepared: 01/24/2018 Analyzed: 01/25/2018						
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0673*		*"*	*0.0667*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0667*		*83.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80943 - EPA 3550C											
LCS (BA80943-BS1)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
4,4'-DDD	0.0286	0.000330	mg/kg wet	0.0333		85.9	40-140				
4,4'-DDE	0.0263	0.000330	"	0.0333		78.9	40-140				
4,4'-DDT	0.0285	0.000330	"	0.0333		85.4	40-140				
Aldrin	0.0288	0.000330	"	0.0333		86.4	40-140				
alpha-BHC	0.0296	0.000330	"	0.0333		88.7	40-140				
alpha-Chlordane	0.0281	0.000330	"	0.0333		84.2	40-140				
beta-BHC	0.0289	0.000330	"	0.0333		86.8	40-140				
delta-BHC	0.0310	0.000330	"	0.0333		93.0	40-140				
Dieldrin	0.0301	0.000330	"	0.0333		90.2	40-140				
Endosulfan I	0.0332	0.000330	"	0.0333		99.6	40-140				
Endosulfan II	0.0309	0.000330	"	0.0333		92.7	40-140				
Endosulfan sulfate	0.0307	0.000330	"	0.0333		92.1	40-140				
Endrin	0.0278	0.000330	"	0.0333		83.5	40-140				
Endrin aldehyde	0.0292	0.000330	"	0.0333		87.5	40-140				
Endrin ketone	0.0325	0.000330	"	0.0333		97.6	40-140				
gamma-BHC (Lindane)	0.0287	0.000330	"	0.0333		86.1	40-140				
gamma-Chlordane	0.0279	0.000330	"	0.0333		83.7	40-140				
Heptachlor	0.0258	0.000330	"	0.0333		77.5	40-140				
Heptachlor epoxide	0.0273	0.000330	"	0.0333		81.9	40-140				
Methoxychlor	0.0246	0.00165	"	0.0333		73.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0508*		*"*	*0.0667*		*76.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0464*		*"*	*0.0667*		*69.6*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)									Prepared & Analyzed: 11/27/2017		
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8A1701 - BL70213											
Performance Mix (Y8A1701-PEM1)							Prepared & Analyzed: 01/16/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.423		"	0.00			0-200				
4,4'-DDT	98.5		"	200		49.3	0-200				
Endrin	72.3		"	100		72.3	0-200				
Endrin aldehyde	1.83		"	0.00			0-200				
Endrin ketone	5.45		"	0.00			0-200				
Batch Y8A1801 - BL70213											
Performance Mix (Y8A1801-PEM1)							Prepared & Analyzed: 01/17/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.643		"	0.00			0-200				
4,4'-DDT	152		"	200		76.0	0-200				
Endrin	104		"	100		104	0-200				
Endrin aldehyde	1.30		"	0.00			0-200				
Endrin ketone	5.53		"	0.00			0-200				
Performance Mix (Y8A1801-PEM2)							Prepared & Analyzed: 01/17/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.561		"	0.00			0-200				
4,4'-DDT	86.5		"	200		43.3	0-200				
Endrin	76.5		"	100		76.5	0-200				
Endrin aldehyde	1.87		"	0.00			0-200				
Endrin ketone	6.52		"	0.00			0-200				
Batch Y8A2202 - BL70213											
Performance Mix (Y8A2202-PEM1)							Prepared & Analyzed: 01/19/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.526		"	0.00			0-200				
4,4'-DDT	108		"	200		53.9	0-200				
Endrin	80.2		"	100		80.2	0-200				
Endrin aldehyde	1.41		"	0.00			0-200				
Endrin ketone	4.78		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8A2202 - BL70213											
Performance Mix (Y8A2202-PEM2)							Prepared & Analyzed: 01/19/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.471		"	0.00			0-200				
4,4'-DDT	86.2		"	200		43.1	0-200				
Endrin	75.7		"	100		75.7	0-200				
Endrin aldehyde	1.25		"	0.00			0-200				
Endrin ketone	5.02		"	0.00			0-200				
Batch Y8A2601 - BL70213											
Performance Mix (Y8A2601-PEM1)							Prepared & Analyzed: 01/25/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.769		"	0.00			0-200				
4,4'-DDT	118		"	200		59.2	0-200				
Endrin	96.8		"	100		96.8	0-200				
Endrin aldehyde	1.78		"	0.00			0-200				
Endrin ketone	6.32		"	0.00			0-200				
Performance Mix (Y8A2601-PEM2)							Prepared & Analyzed: 01/25/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.681		"	0.00			0-200				
4,4'-DDT	125		"	200		62.6	0-200				
Endrin	96.0		"	100		96.0	0-200				
Endrin aldehyde	1.52		"	0.00			0-200				
Endrin ketone	5.74		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80548 - EPA 3550C											
Blank (BA80548-BLK2)											Prepared & Analyzed: 01/16/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0507*		*"*	*0.0667*		*76.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0437*		*"*	*0.0667*		*65.5*	*30-140*				
LCS (BA80548-BS2)											Prepared & Analyzed: 01/16/2018
Aroclor 1016	0.296	0.0167	mg/kg wet	0.333		88.8	40-130				
Aroclor 1260	0.280	0.0167	"	0.333		83.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0507*		*"*	*0.0667*		*76.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0437*		*"*	*0.0667*		*65.5*	*30-140*				
Batch BA80673 - EPA SW846-3510C Low Level											
Blank (BA80673-BLK2)											Prepared: 01/18/2018 Analyzed: 01/19/2018
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.118*		*"*	*0.202*		*58.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.156*		*"*	*0.209*		*74.6*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80673 - EPA SW846-3510C Low Level											
LCS (BA80673-BS2)									Prepared: 01/18/2018 Analyzed: 01/19/2018		
Aroclor 1016	0.799	0.0500	ug/L	1.00		79.9	40-120				
Aroclor 1260	1.00	0.0500	"	1.00		100	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0980*		*"*	*0.202*		*48.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.157*		*"*	*0.209*		*75.1*	*30-120*				
Batch BA80943 - EPA 3550C											
Blank (BA80943-BLK2)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0563*		*"*	*0.0667*		*84.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0650*		*"*	*0.0667*		*97.5*	*30-140*				
LCS (BA80943-BS2)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
Aroclor 1016	0.345	0.0167	mg/kg wet	0.333		104	40-130				
Aroclor 1260	0.341	0.0167	"	0.333		102	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0473*		*"*	*0.0667*		*71.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0567*		*"*	*0.0667*		*85.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80546 - EPA 3550B/8151A											
Blank (BA80546-BLK1)								Prepared & Analyzed: 01/16/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.660*		*"*	*0.500*		*132*	*30-150*				
LCS (BA80546-BS1)								Prepared & Analyzed: 01/16/2018			
2,4,5-T	0.117	0.0200	mg/kg wet	0.160		73.1	40-140				
2,4,5-TP (Silvex)	0.129	0.0200	"	0.160		80.6	40-140				
2,4-D	0.132	0.0200	"	0.160		82.5	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.554*		*"*	*0.500*		*111*	*30-150*				
Matrix Spike (BA80546-MS1)	*Source sample: 18A0420-01 (SB110_0-2)							Prepared & Analyzed: 01/16/2018			
2,4,5-T	0.149	0.0223	mg/kg dry	0.179	ND	83.1	30-150				
2,4,5-TP (Silvex)	0.159	0.0223	"	0.179	ND	88.8	30-150				
2,4-D	0.146	0.0223	"	0.179	ND	81.9	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.563*		*"*	*0.558*		*101*	*30-150*				
Matrix Spike Dup (BA80546-MSD1)	*Source sample: 18A0420-01 (SB110_0-2)							Prepared & Analyzed: 01/16/2018			
2,4,5-T	0.127	0.0224	mg/kg dry	0.179	ND	70.6	30-150		15.9	35	
2,4,5-TP (Silvex)	0.158	0.0224	"	0.179	ND	88.1	30-150		0.308	35	
2,4-D	0.166	0.0224	"	0.179	ND	92.5	30-150		12.6	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.565*		*"*	*0.561*		*101*	*30-150*				
Batch BA80659 - EPA 3535A											
Blank (BA80659-BLK1)								Prepared & Analyzed: 01/18/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*163*		*"*	*125*		*130*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80659 - EPA 3535A											
LCS (BA80659-BS1)								Prepared & Analyzed: 01/18/2018			
2,4,5-T	28.8	5.00	ug/L	40.0		71.9	40-140				
2,4,5-TP (Silvex)	31.8	5.00	"	40.0		79.4	40-140				
2,4-D	31.5	5.00	"	40.0		78.8	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*135*		*"*	*125*		*108*	*30-150*				
LCS Dup (BA80659-BSD1)								Prepared & Analyzed: 01/18/2018			
2,4,5-T	31.0	5.00	ug/L	40.0		77.5	40-140		7.53	30	
2,4,5-TP (Silvex)	34.0	5.00	"	40.0		85.0	40-140		6.84	30	
2,4-D	31.0	5.00	"	40.0		77.5	40-140		1.60	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*144*		*"*	*125*		*115*	*30-150*				
Batch BA81026 - EPA 3550B/8151A											
Blank (BA81026-BLK1)								Prepared & Analyzed: 01/26/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.660*		*"*	*0.500*		*132*	*30-150*				
LCS (BA81026-BS1)								Prepared & Analyzed: 01/26/2018			
2,4,5-T	0.113	0.0200	mg/kg wet	0.160		70.6	40-140				
2,4,5-TP (Silvex)	0.125	0.0200	"	0.160		78.1	40-140				
2,4-D	0.124	0.0200	"	0.160		77.5	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.518*		*"*	*0.500*		*104*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80562 - EPA 3015A											
Blank (BA80562-BLK1)											Prepared & Analyzed: 01/18/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.00556	"								
Iron	ND	0.0222	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Reference (BA80562-SRM1)											Prepared & Analyzed: 01/18/2018
Aluminum	0.842		ug/mL	0.720		117	81.4-117.2				
Barium	0.513		"	0.500		103	85-115				
Calcium	30.1		"	33.0		91.3	86.5-114.3				
Chromium	0.886		"	0.860		103	85-115				
Copper	0.332		"	0.320		104	85-115				
Iron	1.41		"	1.40		101	84.9-115				
Lead	0.631		"	0.640		98.7	85-115				
Magnesium	76.3		"	80.1		95.2	86.3-114.8				
Manganese	1.09		"	1.02		107	84.9-115				
Nickel	1.83		"	1.78		103	87-113.7				
Potassium	9.60		"	10.3		93.2	84.9-115				
Silver	0.582		"	0.600		97.0	85-115				
Sodium	20.9		"	22.7		92.2	85-115				
Vanadium	1.70		"	1.66		102	85-114.9				
Zinc	1.59		"	1.62		98.2	84.9-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80565 - EPA 3050B											
Blank (BA80565-BLK1)											Prepared: 01/16/2018 Analyzed: 01/19/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA80565-SRM1)											Prepared: 01/16/2018 Analyzed: 01/19/2018
Aluminum	6370	5.00	mg/kg wet	8090		78.7	49.8-149.6				
Antimony	73.5	0.500	"	99.3		74.0	0.5-207.5				
Arsenic	96.7	1.00	"	100		96.7	80.9-120				
Barium	212	1.00	"	217		97.8	81.6-118.4				
Beryllium	143	0.100	"	147		97.0	81.6-119.1				
Cadmium	80.5	0.300	"	83.7		96.2	81.2-118.9				
Calcium	5630	5.00	"	6010		93.8	80.9-119				
Chromium	94.2	0.500	"	107		88.1	77.5-121.5				
Cobalt	120	0.500	"	123		97.8	82.1-117.9				
Copper	168	0.500	"	166		101	80.7-118.7				
Iron	11000	2.00	"	14600		75.3	45.1-154.8				
Lead	85.2	0.500	"	88.4		96.3	81.2-118.8				
Magnesium	2670	5.00	"	2930		91.3	74.7-125.3				
Manganese	356	0.500	"	311		114	80.1-119.9				
Nickel	46.4	0.500	"	49.8		93.2	80.9-118.9				
Potassium	2300	5.00	"	2620		87.9	69.1-130.9				
Selenium	89.7	1.00	"	87.7		102	76.1-124.3				
Silver	32.5	0.500	"	41.4		78.5	73.7-126.1				
Sodium	205	10.0	"	252		81.4	69.1-131.4				
Thallium	53.7	1.00	"	58.1		92.4	77.6-122.6				
Vanadium	124	1.00	"	140		88.8	76.4-122.9				
Zinc	141	1.50	"	145		97.1	82.1-117.9				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80927 - EPA 3050B											
Blank (BA80927-BLK1)											Prepared: 01/24/2018 Analyzed: 01/29/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA80927-SRM1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
Aluminum	6680	5.00	mg/kg wet	8090		82.6	49.8-149.6				
Antimony	128	0.500	"	99.3		129	0.5-207.5				
Arsenic	94.0	1.00	"	100		94.0	80.9-120				
Barium	220	1.00	"	217		101	81.6-118.4				
Beryllium	141	0.100	"	147		95.8	81.6-119.1				
Cadmium	74.6	0.300	"	83.7		89.1	81.2-118.9				
Calcium	5780	5.00	"	6010		96.1	80.9-119				
Chromium	97.4	0.500	"	107		91.0	77.5-121.5				
Cobalt	118	0.500	"	123		95.5	82.1-117.9				
Copper	172	0.500	"	166		104	80.7-118.7				
Iron	12800	2.00	"	14600		87.9	45.1-154.8				
Lead	81.4	0.500	"	88.4		92.1	81.2-118.8				
Magnesium	2740	5.00	"	2930		93.3	74.7-125.3				
Manganese	315	0.500	"	311		101	80.1-119.9				
Nickel	51.0	0.500	"	49.8		102	80.9-118.9				
Potassium	2410	5.00	"	2620		91.9	69.1-130.9				
Selenium	80.3	1.00	"	87.7		91.6	76.1-124.3				
Silver	36.2	0.500	"	41.4		87.5	73.7-126.1				
Sodium	218	10.0	"	252		86.4	69.1-131.4				
Thallium	50.8	1.00	"	58.1		87.4	77.6-122.6				
Vanadium	132	1.00	"	140		94.6	76.4-122.9				
Zinc	133	1.50	"	145		92.0	82.1-117.9				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80560 - EPA 3015A											
Blank (BA80560-BLK1)											Prepared: 01/16/2018 Analyzed: 01/17/2018
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BA80560-BS1)											Prepared: 01/16/2018 Analyzed: 01/17/2018
Antimony	46.3		ug/L	40.0		116	80-120				
Arsenic	45.5		"	40.0		114	80-120				
Beryllium	58.9		"	40.0		147	80-120	High Bias			
Cadmium	46.0		"	40.0		115	80-120				
Selenium	42.9		"	40.0		107	80-120				
Thallium	48.1		"	40.0		120	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80564 - EPA 7473 soil											
Blank (BA80564-BLK1)									Prepared & Analyzed: 01/16/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BA80564-SRM1)									Prepared & Analyzed: 01/16/2018		
Mercury	14.525		mg/kg	13.8		105	57.1-143.5				
Batch BA80628 - EPA 7473 water											
Blank (BA80628-BLK1)									Prepared & Analyzed: 01/17/2018		
Mercury	ND	0.00020	mg/L								
Reference (BA80628-SRM1)									Prepared & Analyzed: 01/17/2018		
Mercury	0.00720		mg/L	0.00740		97.3	70-130				
Batch BA80915 - EPA 7473 soil											
Blank (BA80915-BLK1)									Prepared & Analyzed: 01/24/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BA80915-SRM1)									Prepared & Analyzed: 01/24/2018		
Mercury	13.974		mg/kg	13.8		101	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80585 - % Solids Prep											
Duplicate (BA80585-DUP1)	*Source sample: 18A0420-09 (SB108_15-16)								Prepared: 01/16/2018 Analyzed: 01/17/2018		
% Solids	94.5	0.100	%		94.6				0.111	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80567 - Analysis Preparation											
Blank (BA80567-BLK1)								Prepared & Analyzed: 01/16/2018			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA80567-BS1)								Prepared & Analyzed: 01/16/2018			
Chromium, Hexavalent	0.480	0.0100	mg/L	0.500		96.0	80-120				
Duplicate (BA80567-DUP1)	*Source sample: 18A0420-11 (EBFB02_011518)							Prepared & Analyzed: 01/16/2018			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA80567-MS1)	*Source sample: 18A0420-11 (EBFB02_011518)							Prepared & Analyzed: 01/16/2018			
Chromium, Hexavalent	0.511	0.0100	mg/L	0.500	ND	102	75-125				
Batch BA80586 - EPA SW846-3060											
Blank (BA80586-BLK1)								Prepared: 01/16/2018 Analyzed: 01/17/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA80586-SRM1)								Prepared: 01/16/2018 Analyzed: 01/17/2018			
Chromium, Hexavalent	75.0		mg/L	207		36.2	25.6-116.9				
Batch BA80613 - Analysis Preparation Soil											
Blank (BA80613-BLK1)								Prepared & Analyzed: 01/17/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BA80613-DUP1)	*Source sample: 18A0420-01 (SB110_0-2)							Prepared & Analyzed: 01/17/2018			
Cyanide, total	ND	0.561	mg/kg dry		ND					15	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80613 - Analysis Preparation Soil											
Matrix Spike (BA80613-MS1)	*Source sample: 18A0420-01 (SB110_0-2)									Prepared & Analyzed: 01/17/2018	
Cyanide, total	9.32	0.561	mg/kg dry	11.2	ND	83.1	79.6-107				
Reference (BA80613-SRM1)										Prepared & Analyzed: 01/17/2018	
Cyanide, total	24.6		ug/mL	62.8		39.1	22.5-110				
Batch BA80679 - Analysis Preparation											
Blank (BA80679-BLK1)										Prepared & Analyzed: 01/18/2018	
Cyanide, total	ND	0.0100	mg/L								
LCS (BA80679-BS1)										Prepared & Analyzed: 01/18/2018	
Cyanide, total	0.163	0.0100	mg/L	0.200		81.4	76.2-107				
Batch BA80910 - Analysis Preparation Soil											
Blank (BA80910-BLK1)										Prepared & Analyzed: 01/24/2018	
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BA80910-DUP1)	*Source sample: 18A0420-03 (SB110_17-18)									Prepared & Analyzed: 01/24/2018	
Cyanide, total	ND	0.529	mg/kg dry		ND					15	
Matrix Spike (BA80910-MS1)	*Source sample: 18A0420-03 (SB110_17-18)									Prepared & Analyzed: 01/24/2018	
Cyanide, total	8.79	0.529	mg/kg dry	10.6	ND	83.0	79.6-107				
Reference (BA80910-SRM1)										Prepared & Analyzed: 01/24/2018	
Cyanide, total	49.5		ug/mL	62.8		78.8	22.5-110				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80930 - EPA SW846-3060											
Blank (BA80930-BLK1)									Prepared & Analyzed: 01/24/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA80930-SRM1)									Prepared & Analyzed: 01/24/2018		
Chromium, Hexavalent	86.5		mg/L	207		41.8	25.6-116.9				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0420-01	SB110_0-2	40mL Vial with Stir Bar-Cool 4° C
18A0420-02	SB110_10-12	40mL Vial with Stir Bar-Cool 4° C
18A0420-03	SB110_17-18	40mL Vial with Stir Bar-Cool 4° C
18A0420-05	SB108_0-2	40mL Vial with Stir Bar-Cool 4° C
18A0420-10	EBTB02_011518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18A0420-11	EBFB02_011518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include additional samples.

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0420

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST St 8TH FL. NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL.
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB110-0-2	01/15/18 1115	S	TCL+30VOCs+SVOCs, PCBs, pest, herb, TAL Metals+Cr^{6+}, Cr^{3+}, CN	4 40 mL, 2 8oz
SB110-10-12	01/15/18 1125	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, +Cr^{6+}, Cr^{3+}, CN	4 40 mL, 2 8oz
SB110-17-18	01/15/18 1140	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, +Cr^{6+}, Cr^{3+}, CN - HOLD	4 40 mL, 2 8oz
SB110-22-24	01/15/18 1215	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, +Cr^{6+}, Cr^{3+}, CN - HOLD	4 40 mL, 2 8oz
SB108-0-2	01/15/18 1045	S	TAL Metals + Cr^{6+}, Cr^{3+}, CN, TCL+30 VOCs+SVOCs, PCB, pest, herb	4 40mL 2 8oz glass
SB108-2-3	01/15/18 1050	S	TAL Metals + Cr^{6+}, Cr^{3+}, CN, TAL SVOCs	1 8oz glass
SB108-6-8	01/15/18 1055	S	TAL Metals + Cr^{6+}, Cr^{3+}, CN	1 8oz glass
SB108-11-12	01/15/18 1100	S	TAL Metals + Cr^{6+}, Cr^{3+}, CN	1 8oz glass
SB108-15-16	01/15/18 1105	S	TAL Metals + Cr^{6+}, Cr^{3+}, CN	1 8oz glass
TB02-011518	01/15/18	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, +Cr^{6+}, Cr^{3+}, CN	2 40mL vial

Comments

Preservation Check those Applicable

4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 01/15/18 1625
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 1/15/18 1625
Samples Received in LAB by — Date/Time: 1/15/18 1836

Temperature on Receipt 1.9 °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0420

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31 St 8FL
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOPP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170824501

Purchase Order No.

Samples from: CT___ NY X NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
EBFB02-011518	01/15/18 1430	S	TCL +30 VOCs + 5 VOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN	6 amber, 3 plastic,

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___
~~ZnAc~~ Ascorbic Acid Other

	Date/Time
Samples Relinquished By	01/15/18 1625
Samples Relinquished By	
Samples Received By	1/15/18 1625
Samples Received in LAB by	1/15/18 1836

Temperature on Receipt 1.9 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0454

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0454

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 16, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0454-01	SB120_0-0.2	Soil	01/16/2018	01/16/2018
18A0454-03	SB121_0-0.2	Soil	01/16/2018	01/16/2018
18A0454-05	SB122_0-0.2	Soil	01/16/2018	01/16/2018
18A0454-07	SB106A_0-2	Soil	01/16/2018	01/16/2018
18A0454-08	SB106A_2-3	Soil	01/16/2018	01/16/2018
18A0454-09	SB101A_7-8	Soil	01/16/2018	01/16/2018
18A0454-10	SB101A_17-19	Soil	01/16/2018	01/16/2018
18A0454-11	SB112_0-2	Soil	01/16/2018	01/16/2018
18A0454-13	SB112_14-15	Soil	01/16/2018	01/16/2018
18A0454-14	DUP02_011618	Soil	01/16/2018	01/16/2018
18A0454-15	DUP03_011618	Soil	01/16/2018	01/16/2018

General Notes for York Project (SDG) No.: 18A0454

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

Approved By:

Date: 01/30/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB120_0-0.2 **York Sample ID:** 18A0454-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:40 am	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:11	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:11	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-140*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB121_0-0.2 **York Sample ID:** 18A0454-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:35 am	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	**Aroclor 1260**	**0.0475**		mg/kg dry	0.0186	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.0475**		mg/kg dry	0.0186	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:35	SA
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-140*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.5**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB122_0-0.2 **York Sample ID:** 18A0454-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:20 am	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:59	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/17/2018 07:48	01/17/2018 19:59	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-140*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: **SB106A_0-2** **York Sample ID:** **18A0454-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**3.9**		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.91**		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	4.3	17	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.22	0.87	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.43	0.87	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.43	0.87	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.43	0.87	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.38**	J	mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.42**	J	mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.89**		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**1.8**		mg/kg dry	0.43	0.87	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.22	0.87	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.22	0.43	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**2.7**		mg/kg dry	0.65	1.3	100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.7 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*95.0 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dihydro dimethyl indene isomers**	**2000**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:			
NA	**dihydro methyl indene isomer**	**750**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:			
NA	**Unknown aliphatic hydrocarbon**	**510**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:			
NA	**unknown alkyl benzene isomers**	**8200**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 12:55	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.112**	J	mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**2.17**		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.277	0.553	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.129**	J	mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.277	0.553	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.294**		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.349**	IS-HI	mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.98**		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.145**		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND	IS-HI	mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.138	0.276	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.274**		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.177**		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.110**	IS-HI, J	mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**1.07**		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.427**		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.350**		mg/kg dry	0.0692	0.138	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		mg/kg dry	0.277	0.553	2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*49.1 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*57.7 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.7 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*64.1 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*43.8 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**alkyl substituted benzene**	**1990**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:			
NA	**dimethyl Naphthalene isomer**	**2540**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:			
NA	**Trimethyl Benzene isomer**	**1990**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:			
NA	**Unknown aliphatic hydrocarbon**	**1330**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 18:41	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	**Endrin aldehyde**	**0.0880**		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00911	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0922	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	01/17/2018 07:48	01/17/2018 20:47	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	01/17/2018 07:48	01/17/2018 20:47	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	01/17/2018 07:48	01/17/2018 20:47	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	01/17/2018 07:48	01/17/2018 20:47	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	01/17/2018 07:48	01/17/2018 20:47	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	01/17/2018 07:48	01/17/2018 20:47	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	01/17/2018 07:48	01/17/2018 20:47	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	01/17/2018 07:48	01/17/2018 20:47	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	01/19/2018 04:47	01/19/2018 15:16	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	01/19/2018 04:47	01/19/2018 15:16	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	01/19/2018 04:47	01/19/2018 15:16	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*113 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7450**		mg/kg dry	5.54	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.554	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**1.85**		mg/kg dry	1.11	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**49.8**		mg/kg dry	1.11	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**7000**		mg/kg dry	5.54	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**18.0**		mg/kg dry	0.554	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**7.55**		mg/kg dry	0.554	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**25.7**	B	mg/kg dry	0.554	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**13700**		mg/kg dry	2.22	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**18.1**		mg/kg dry	0.554	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**5100**		mg/kg dry	5.54	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**392**		mg/kg dry	0.554	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**37.5**		mg/kg dry	0.554	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1440**	B	mg/kg dry	5.54	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	11.1	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**28.2**		mg/kg dry	1.11	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**43.0**		mg/kg dry	1.66	1	EPA 6010C	01/17/2018 09:50	01/23/2018 04:57	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0483**		mg/kg dry	0.0332	1	EPA 7473	01/17/2018 09:49	01/17/2018 12:27	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Sample Information

Client Sample ID: SB106A_0-2 **York Sample ID:** 18A0454-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:40 am	01/16/2018

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	01/18/2018 08:33	01/18/2018 17:22	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.0**		mg/kg	0.500	1	Calculation	01/23/2018 12:38	01/23/2018 12:46	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB106A_2-3** **York Sample ID:** **18A0454-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**4.3**		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**1.1**		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	4.7	19	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.23	0.93	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.47	0.93	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.47	0.93	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.58**		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.47	0.93	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.41**	J	mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.46**	J	mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**1.3**		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**2.5**		mg/kg dry	0.47	0.93	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.23	0.93	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**1.1**		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.23	0.47	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**3.8**		mg/kg dry	0.70	1.4	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.0 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*93.7 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dihydro dimethyl indene isomers**	**1200**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:			
NA	**dihydro methyl indene isomers**	**2400**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:			
NA	**Methyl Indan isomer**	**510**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:			
111-84-2	**Nonane**	**470**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:			
NA	**unknown alkyl benzene isomers**	**5900**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:27	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.0764**	J	mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**2.04**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0874**	J	mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.184**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.126**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.31**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0742**	J	mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	**Di-n-butyl phthalate**	**0.0984**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.161**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0999**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.968**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.309**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	**Pyrene**	**0.212**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*52.0 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*58.4 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.9 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.0 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*68.0 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.2 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**alkyl substituted benzene**	**5800**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:			
NA	**Unknown aliphatic hydrocarbon**	**9770**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:			
NA	**unknown PAH**	**808**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/19/2018 21:22	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	**Endrin aldehyde**	**0.0584**		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00903	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0914	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	01/17/2018 07:48	01/17/2018 23:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	01/17/2018 07:48	01/17/2018 23:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	01/17/2018 07:48	01/17/2018 23:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	01/17/2018 07:48	01/17/2018 23:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	01/17/2018 07:48	01/17/2018 23:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	01/17/2018 07:48	01/17/2018 23:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	01/17/2018 07:48	01/17/2018 23:35	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	01/17/2018 07:48	01/17/2018 23:35	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	01/19/2018 04:47	01/19/2018 15:29	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	01/19/2018 04:47	01/19/2018 15:29	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	01/19/2018 04:47	01/19/2018 15:29	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*108 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6720**		mg/kg dry	5.51	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.551	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**1.50**		mg/kg dry	1.10	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**45.4**		mg/kg dry	1.10	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1170**		mg/kg dry	5.51	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.7**		mg/kg dry	0.551	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.35**		mg/kg dry	0.551	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.7**	B	mg/kg dry	0.551	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12700**		mg/kg dry	2.20	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.72**		mg/kg dry	0.551	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2590**		mg/kg dry	5.51	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**435**		mg/kg dry	0.551	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**35.7**		mg/kg dry	0.551	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1150**	B	mg/kg dry	5.51	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	11.0	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.4**		mg/kg dry	1.10	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**44.0**		mg/kg dry	1.65	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:02	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0331	1	EPA 7473	01/17/2018 09:49	01/17/2018 12:35	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB106A_2-3 **York Sample ID:** 18A0454-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 10:50 am	01/16/2018

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.7**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	01/18/2018 08:33	01/18/2018 17:22	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.7**		mg/kg	0.500	1	Calculation	01/23/2018 12:38	01/23/2018 12:46	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.551	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.18	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0091	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0069**	J	mg/kg dry	0.0045	0.0091	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0091	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.3 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*95.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.8 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:02	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.357	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.357	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.357	2	EPA 8270D	01/18/2018 07:43	01/18/2018 19:43	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*46.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*59.5 %*	*23-114*

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*62.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.7 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*46.7 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*46.1 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/18/2018 07:43	01/18/2018 19:43	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/17/2018 07:48	01/17/2018 17:29	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH	01/17/2018 07:48	01/17/2018 17:29	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:29	SA

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:29	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00881	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0891	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*101 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*109 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:11	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:11	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:11	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:11	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:11	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:11	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:11	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:11	SA
							Certifications:			

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	01/19/2018 04:47	01/19/2018 15:42	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	01/19/2018 04:47	01/19/2018 15:42	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	01/19/2018 04:47	01/19/2018 15:42	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*107 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7630**		mg/kg dry	5.34	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.534	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.01**		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**33.8**		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3450**		mg/kg dry	5.34	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.7**		mg/kg dry	0.534	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.87**		mg/kg dry	0.534	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**17.6**	B	mg/kg dry	0.534	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**12800**		mg/kg dry	2.14	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**11.1**		mg/kg dry	0.534	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3260**		mg/kg dry	5.34	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**260**		mg/kg dry	0.534	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**31.3**		mg/kg dry	0.534	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**834**	B	mg/kg dry	5.34	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.534	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**407**	B	mg/kg dry	10.7	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**18.9**		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**32.4**		mg/kg dry	1.60	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:08	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	01/17/2018 09:49	01/17/2018 12:44	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB101A_7-8 **York Sample ID:** 18A0454-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:25 am	01/16/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.769**		mg/kg dry	0.534	1	EPA 7196A	01/18/2018 08:33	01/18/2018 17:22	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**13.9**		mg/kg	0.500	1	Calculation	01/23/2018 12:38	01/23/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.534	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB101A_17-19** **York Sample ID:** **18A0454-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.22	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.10**	SCAL-E	mg/kg dry	0.0055	0.011	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0065**	J	mg/kg dry	0.0055	0.011	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.011	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.4 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*95.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/18/2018 07:30	01/18/2018 15:34	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.103**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*41.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*53.2 %*	*23-114*

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.2 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.2 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*40.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*45.9 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:14	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00884	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0894	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:44	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:35	SA
							Certifications:			

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0212	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:20	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:20	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:20	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*90.8 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8020**		mg/kg dry	5.36	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.536	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.60**		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**55.5**		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.321	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**10900**		mg/kg dry	5.36	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.8**		mg/kg dry	0.536	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.75**		mg/kg dry	0.536	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**31.4**	B	mg/kg dry	0.536	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**14000**		mg/kg dry	2.14	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.8**		mg/kg dry	0.536	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5260**		mg/kg dry	5.36	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**551**		mg/kg dry	0.536	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**65.5**		mg/kg dry	0.536	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2160**	B	mg/kg dry	5.36	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.536	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**635**	B	mg/kg dry	10.7	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.2**		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**56.8**		mg/kg dry	1.61	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473	01/17/2018 09:49	01/17/2018 12:53	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.4**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB101A_17-19 **York Sample ID:** 18A0454-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 7:40 am	01/16/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**1.16**		mg/kg dry	0.536	1	EPA 7196A	01/18/2018 08:33	01/18/2018 17:22	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**21.6**		mg/kg	0.500	1	Calculation	01/23/2018 12:38	01/23/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.536	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.19	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0095	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0095	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:06	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.203	0.407	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.407	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.102	0.203	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.203	0.407	2	EPA 8270D	01/18/2018 07:43	01/18/2018 20:45	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*68.0 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*74.5 %*	*23-114*

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*78.0 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*85.9 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*61.6 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/18/2018 07:43	01/18/2018 20:45	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/17/2018 07:48	01/17/2018 17:59	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0401	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH	01/17/2018 07:48	01/17/2018 17:59	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 17:59	SA

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00200	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00200	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00200	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00200	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:59	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00200	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00200	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.0100	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.101	5	EPA 8081B	01/17/2018 07:48	01/17/2018 17:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:59	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:59	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:59	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:59	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:59	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:59	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:59	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	1	EPA 8082A	01/17/2018 07:48	01/17/2018 21:59	SA
							Certifications:			

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0244	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0244	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0244	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*96.6 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14200**		mg/kg dry	6.09	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.609	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.24**		mg/kg dry	1.22	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**181**		mg/kg dry	1.22	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.122	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.365	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1450**		mg/kg dry	6.09	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**43.1**		mg/kg dry	0.609	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.2**		mg/kg dry	0.609	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.9**	B	mg/kg dry	0.609	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**27500**		mg/kg dry	2.44	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**18.6**		mg/kg dry	0.609	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5370**		mg/kg dry	6.09	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**360**		mg/kg dry	0.609	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**32.4**		mg/kg dry	0.609	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**5630**	B	mg/kg dry	6.09	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.22	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.609	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	12.2	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.22	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**44.7**		mg/kg dry	1.22	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**64.3**		mg/kg dry	1.83	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0611**		mg/kg dry	0.0365	1	EPA 7473	01/17/2018 09:49	01/17/2018 13:02	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.1**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB112_0-2 **York Sample ID:** 18A0454-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 11:55 am	01/16/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.609	1	EPA 7196A	01/18/2018 08:33	01/18/2018 17:22	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**43.1**		mg/kg	0.500	1	Calculation	01/23/2018 12:38	01/23/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.609	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.20	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.014**	CCV-E, SCAL-E	mg/kg dry	0.0051	0.010	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.012**		mg/kg dry	0.0051	0.010	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.5 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*91.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	**Hexane**	**6.9**	N	ug/kg dry			1	EPA 8260C	01/26/2018 13:55	01/27/2018 01:05	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0445	0.0887	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: 2-Fluorophenol*	*70.2 %*			*20-108*						
4165-62-2	*Surrogate: Phenol-d5*	*74.5 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*82.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.7 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*73.2 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*57.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/25/2018 13:02	01/26/2018 12:35	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00875	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0886	5	EPA 8081B	01/25/2018 13:05	01/26/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*123 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*101 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	01/25/2018 13:05	01/26/2018 15:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	01/25/2018 13:05	01/26/2018 15:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	01/25/2018 13:05	01/26/2018 15:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	01/25/2018 13:05	01/26/2018 15:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	01/25/2018 13:05	01/26/2018 15:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	01/25/2018 13:05	01/26/2018 15:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	01/25/2018 13:05	01/26/2018 15:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	01/25/2018 13:05	01/26/2018 15:52	LAB
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*96.0 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*86.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:31	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:31	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:31	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (.*	*91.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13400**		mg/kg dry	5.32	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**3.46**		mg/kg dry	0.532	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.94**		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**61.6**		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.106	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.319	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2340**		mg/kg dry	5.32	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**46.4**		mg/kg dry	0.532	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**13.7**		mg/kg dry	0.532	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/kg dry	42.6	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**20600**		mg/kg dry	2.13	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**5.03**		mg/kg dry	0.532	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**6000**		mg/kg dry	5.32	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**202**		mg/kg dry	0.532	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**34.9**		mg/kg dry	0.532	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**4420**	B	mg/kg dry	5.32	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.532	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**197**		mg/kg dry	10.6	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**54.6**		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**64.1**		mg/kg dry	1.60	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473	01/25/2018 09:38	01/25/2018 11:17	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.0**		%	0.100	1	SM 2540G	01/29/2018 10:07	01/29/2018 13:40	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB112_14-15 **York Sample ID:** 18A0454-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:10 pm	01/16/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.532	1	EPA 7196A	01/25/2018 10:57	01/25/2018 17:04	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**46.4**		mg/kg	0.500	1	Calculation	01/30/2018 13:23	01/30/2018 13:32	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.532	1	EPA 9014/9010C	01/25/2018 08:14	01/25/2018 16:09	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.17	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0084	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0061**	J	mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0084	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.5 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/18/2018 07:30	01/18/2018 16:38	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0887	0.177	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.355	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:15	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*46.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*72.2 %*	*23-114*

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*80.4 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.3 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*45.9 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*60.6 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/18/2018 07:43	01/18/2018 21:15	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/17/2018 07:48	01/17/2018 18:13	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH	01/17/2018 07:48	01/17/2018 18:13	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/17/2018 07:48	01/17/2018 18:13	SA

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/17/2018 07:48	01/17/2018 18:13	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	01/17/2018 07:48	01/17/2018 18:13	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	01/17/2018 07:48	01/17/2018 18:13	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	01/17/2018 07:48	01/17/2018 18:13	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/17/2018 07:48	01/17/2018 18:13	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/17/2018 07:48	01/17/2018 18:13	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	01/17/2018 07:48	01/17/2018 18:13	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00877	5	EPA 8081B	01/17/2018 07:48	01/17/2018 18:13	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0888	5	EPA 8081B	01/17/2018 07:48	01/17/2018 18:13	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*128 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*115 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	01/17/2018 07:48	01/17/2018 22:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	01/17/2018 07:48	01/17/2018 22:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	01/17/2018 07:48	01/17/2018 22:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	01/17/2018 07:48	01/17/2018 22:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	01/17/2018 07:48	01/17/2018 22:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	01/17/2018 07:48	01/17/2018 22:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	01/17/2018 07:48	01/17/2018 22:23	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	01/17/2018 07:48	01/17/2018 22:23	SA
							Certifications:			

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0206	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:46	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0206	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:46	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0206	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:46	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*137 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7310**		mg/kg dry	5.33	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.533	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.62**		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**49.3**		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**10300**		mg/kg dry	5.33	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**26.7**		mg/kg dry	0.533	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.29**		mg/kg dry	0.533	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**29.1**	B	mg/kg dry	0.533	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**14000**		mg/kg dry	2.13	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**9.76**		mg/kg dry	0.533	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4260**		mg/kg dry	5.33	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**392**		mg/kg dry	0.533	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**44.4**		mg/kg dry	0.533	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1680**	B	mg/kg dry	5.33	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**467**	B	mg/kg dry	10.7	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.1**		mg/kg dry	1.07	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**44.9**		mg/kg dry	1.60	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:25	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	01/17/2018 09:49	01/17/2018 13:10	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.7**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DUP02_011618 **York Sample ID:** 18A0454-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**2.09**		mg/kg dry	0.533	1	EPA 7196A	01/18/2018 08:33	01/18/2018 17:22	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**24.6**		mg/kg	0.500	1	Calculation	01/23/2018 12:38	01/23/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**4.8**		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	4.5	18	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.22	0.89	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.45	0.89	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.45	0.89	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.73**		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.45	0.89	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.48**		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.52**		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**1.5**		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**2.9**		mg/kg dry	0.45	0.89	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.22	0.89	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.62**		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.22	0.45	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**4.4**		mg/kg dry	0.67	1.3	100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.8 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*95.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.7 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dihydro dimethyl indene isomers**	**2000**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:			
NA	**dihydro methyl indene isomers**	**2800**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:			
NA	**Methyl Indan isomer**	**590**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:			
NA	**unknown alkane isomer**	**560**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:			
NA	**unknown alkyl benzene isomers**	**6700**	N	ug/kg dry			100	EPA 8260C	01/18/2018 07:30	01/18/2018 13:58	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.0886**	J	mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**2.50**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.107**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.219**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.192**	IS-HI	mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.38**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.128**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND	IS-HI	mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	**Di-n-butyl phthalate**	**0.0995**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0902	0.180	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.236**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.112**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0728**	IS-HI, J	mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**1.20**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.384**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	**Pyrene**	**0.296**		mg/kg dry	0.0452	0.0902	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*58.2 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*67.2 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*73.3 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.5 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*71.2 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.2 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**alkyl substituted benzene**	**8860**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:			
NA	**dimethyl Naphthalene isomer**	**1660**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:			
NA	**Unknown aliphatic hydrocarbon**	**8650**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:			
NA	**unknown methyl anthracene isomer**	**577**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:			
NA	**unknown PAH**	**1010**		ug/kg dry			2	EPA 8270D	01/18/2018 07:43	01/18/2018 21:47	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	**Endrin aldehyde**	**0.0660**		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00895	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0906	5	EPA 8081B	01/17/2018 07:48	01/22/2018 16:53	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	01/17/2018 07:48	01/18/2018 00:23	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	01/17/2018 07:48	01/18/2018 00:23	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	01/17/2018 07:48	01/18/2018 00:23	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	01/17/2018 07:48	01/18/2018 00:23	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	01/17/2018 07:48	01/18/2018 00:23	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	01/17/2018 07:48	01/18/2018 00:23	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	01/17/2018 07:48	01/18/2018 00:23	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	01/17/2018 07:48	01/18/2018 00:23	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0215	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:58	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0215	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:58	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0215	1	EPA 8151A	01/19/2018 04:47	01/19/2018 16:58	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*141 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8130**		mg/kg dry	5.42	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/kg dry	0.542	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.35**		mg/kg dry	1.08	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**56.3**		mg/kg dry	1.08	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.108	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.325	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1770**		mg/kg dry	5.42	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.9**		mg/kg dry	0.542	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.07**		mg/kg dry	0.542	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.7**	B	mg/kg dry	0.542	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13200**		mg/kg dry	2.17	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**12.7**		mg/kg dry	0.542	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3180**		mg/kg dry	5.42	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**403**		mg/kg dry	0.542	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**53.6**		mg/kg dry	0.542	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1870**	B	mg/kg dry	5.42	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.08	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	10.8	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.08	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.5**		mg/kg dry	1.08	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**50.8**		mg/kg dry	1.63	1	EPA 6010C	01/17/2018 09:50	01/23/2018 05:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP03_011618 **York Sample ID:** 18A0454-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0454	170384501	Soil	January 16, 2018 12:34 pm	01/16/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	1	EPA 7473	01/17/2018 09:49	01/17/2018 13:19	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.2**		%	0.100	1	SM 2540G	01/17/2018 13:27	01/17/2018 20:33	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.542	1	EPA 7196A	01/18/2018 08:33	01/18/2018 17:22	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.9**		mg/kg	0.500	1	Calculation	01/23/2018 12:38	01/23/2018 12:46	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.542	1	EPA 9014/9010C	01/17/2018 09:27	01/17/2018 15:17	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BA80603 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-01	SB120_0-0.2	01/17/18
18A0454-03	SB121_0-0.2	01/17/18
18A0454-05	SB122_0-0.2	01/17/18
18A0454-07	SB106A_0-2	01/17/18
18A0454-07	SB106A_0-2	01/17/18
18A0454-08	SB106A_2-3	01/17/18
18A0454-08	SB106A_2-3	01/17/18
18A0454-09	SB101A_7-8	01/17/18
18A0454-09	SB101A_7-8	01/17/18
18A0454-10	SB101A_17-19	01/17/18
18A0454-10	SB101A_17-19	01/17/18
18A0454-11	SB112_0-2	01/17/18
18A0454-11	SB112_0-2	01/17/18
18A0454-14	DUP02_011618	01/17/18
18A0454-14	DUP02_011618	01/17/18
18A0454-15	DUP03_011618	01/17/18
18A0454-15	DUP03_011618	01/17/18
BA80603-BLK1	Blank	01/17/18
BA80603-BLK2	Blank	01/17/18
BA80603-BS1	LCS	01/17/18
BA80603-BS2	LCS	01/17/18
BA80603-MS1	Matrix Spike	01/17/18
BA80603-MS2	Matrix Spike	01/17/18
BA80603-MSD1	Matrix Spike Dup	01/17/18
BA80603-MSD2	Matrix Spike Dup	01/17/18

Batch ID: BA80613 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-07	SB106A_0-2	01/17/18
18A0454-08	SB106A_2-3	01/17/18
18A0454-09	SB101A_7-8	01/17/18
18A0454-10	SB101A_17-19	01/17/18
18A0454-11	SB112_0-2	01/17/18
18A0454-14	DUP02_011618	01/17/18
18A0454-15	DUP03_011618	01/17/18
BA80613-BLK1	Blank	01/17/18
BA80613-SRM1	Reference	01/17/18

Batch ID: BA80617 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-07	SB106A_0-2	01/17/18
18A0454-08	SB106A_2-3	01/17/18
18A0454-09	SB101A_7-8	01/17/18

18A0454-10	SB101A_17-19	01/17/18
18A0454-11	SB112_0-2	01/17/18
18A0454-14	DUP02_011618	01/17/18
18A0454-15	DUP03_011618	01/17/18
BA80617-BLK1	Blank	01/17/18
BA80617-SRM1	Reference	01/17/18

Batch ID: BA80618 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-07	SB106A_0-2	01/17/18
18A0454-08	SB106A_2-3	01/17/18
18A0454-09	SB101A_7-8	01/17/18
18A0454-10	SB101A_17-19	01/17/18
18A0454-11	SB112_0-2	01/17/18
18A0454-14	DUP02_011618	01/17/18
18A0454-15	DUP03_011618	01/17/18
BA80618-BLK1	Blank	01/17/18
BA80618-SRM1	Reference	01/17/18

Batch ID: BA80636 **Preparation Method:** % Solids Prep **Prepared By:** LAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-01	SB120_0-0.2	01/17/18
18A0454-03	SB121_0-0.2	01/17/18
18A0454-05	SB122_0-0.2	01/17/18
18A0454-07	SB106A_0-2	01/17/18
18A0454-08	SB106A_2-3	01/17/18
18A0454-09	SB101A_7-8	01/17/18
18A0454-10	SB101A_17-19	01/17/18
18A0454-11	SB112_0-2	01/17/18
18A0454-14	DUP02_011618	01/17/18
18A0454-15	DUP03_011618	01/17/18

Batch ID: BA80665 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-07	SB106A_0-2	01/18/18
18A0454-08	SB106A_2-3	01/18/18
18A0454-09	SB101A_7-8	01/18/18
18A0454-10	SB101A_17-19	01/18/18
18A0454-11	SB112_0-2	01/18/18
18A0454-14	DUP02_011618	01/18/18
18A0454-15	DUP03_011618	01/18/18
BA80665-BLK1	Blank	01/18/18
BA80665-BLK2	Blank	01/18/18
BA80665-BS1	LCS	01/18/18
BA80665-BSD1	LCS Dup	01/18/18

Batch ID: BA80669 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-07	SB106A_0-2	01/18/18
18A0454-07	SB106A_0-2	01/18/18
18A0454-08	SB106A_2-3	01/18/18
18A0454-08	SB106A_2-3	01/18/18
18A0454-09	SB101A_7-8	01/18/18
18A0454-09	SB101A_7-8	01/18/18
18A0454-10	SB101A_17-19	01/18/18
18A0454-10	SB101A_17-19	01/18/18
18A0454-11	SB112_0-2	01/18/18
18A0454-11	SB112_0-2	01/18/18
18A0454-14	DUP02_011618	01/18/18
18A0454-14	DUP02_011618	01/18/18
18A0454-15	DUP03_011618	01/18/18
18A0454-15	DUP03_011618	01/18/18
BA80669-BLK1	Blank	01/18/18
BA80669-BLK1	Blank	01/18/18
BA80669-BS1	LCS	01/18/18

Batch ID: BA80671 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-07	SB106A_0-2	01/18/18
18A0454-08	SB106A_2-3	01/18/18
18A0454-09	SB101A_7-8	01/18/18
18A0454-10	SB101A_17-19	01/18/18
18A0454-11	SB112_0-2	01/18/18
18A0454-14	DUP02_011618	01/18/18
18A0454-15	DUP03_011618	01/18/18
BA80671-BLK1	Blank	01/18/18
BA80671-DUP1	Duplicate	01/18/18
BA80671-MS1	Matrix Spike	01/18/18
BA80671-SRM1	Reference	01/18/18

Batch ID: BA80719 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-07	SB106A_0-2	01/19/18
18A0454-08	SB106A_2-3	01/19/18
18A0454-09	SB101A_7-8	01/19/18
18A0454-10	SB101A_17-19	01/19/18
18A0454-11	SB112_0-2	01/19/18
18A0454-14	DUP02_011618	01/19/18
18A0454-15	DUP03_011618	01/19/18
BA80719-BLK1	Blank	01/19/18
BA80719-BS1	LCS	01/19/18
BA80719-MS1	Matrix Spike	01/19/18
BA80719-MSD1	Matrix Spike Dup	01/19/18

Batch ID: BA80881 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-07	SB106A_0-2	01/23/18
18A0454-08	SB106A_2-3	01/23/18
18A0454-09	SB101A_7-8	01/23/18
18A0454-10	SB101A_17-19	01/23/18
18A0454-11	SB112_0-2	01/23/18
18A0454-14	DUP02_011618	01/23/18
18A0454-15	DUP03_011618	01/23/18

Batch ID: BA80981 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/25/18
BA80981-BLK1	Blank	01/25/18
BA80981-SRM1	Reference	01/25/18

Batch ID: BA80987 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/25/18
BA80987-BLK1	Blank	01/25/18
BA80987-SRM1	Reference	01/25/18

Batch ID: BA80988 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/25/18
BA80988-BLK1	Blank	01/25/18
BA80988-SRM1	Reference	01/25/18

Batch ID: BA80996 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/25/18
BA80996-BLK1	Blank	01/25/18
BA80996-SRM1	Reference	01/25/18

Batch ID: BA81008 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/25/18
18A0454-13	SB112_14-15	01/25/18
BA81008-BLK1	Blank	01/25/18
BA81008-BLK1	Blank	01/25/18

BA81008-BS1	LCS	01/25/18

Batch ID: BA81009 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/25/18
18A0454-13	SB112_14-15	01/25/18
BA81009-BLK1	Blank	01/25/18
BA81009-BLK2	Blank	01/25/18
BA81009-BS1	LCS	01/25/18
BA81009-BS2	LCS	01/25/18

Batch ID: BA81026 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/26/18
BA81026-BLK1	Blank	01/26/18
BA81026-BS1	LCS	01/26/18

Batch ID: BA81062 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/26/18
BA81062-BLK1	Blank	01/26/18
BA81062-BS1	LCS	01/26/18
BA81062-BSD1	LCS Dup	01/26/18

Batch ID: BA81122 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/29/18

Batch ID: BA81216 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0454-13	SB112_14-15	01/30/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80665 - EPA 5035A											
Blank (BA80665-BLK1)											Prepared & Analyzed: 01/18/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80665 - EPA 5035A											
Blank (BA80665-BLK1)											Prepared & Analyzed: 01/18/2018
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*46.2*		*ug/L*	*50.0*		*92.5*	*77-125*				
Surrogate: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				
Blank (BA80665-BLK2)											Prepared & Analyzed: 01/18/2018
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	20	"								
2-Butanone	ND	1.0	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80665 - EPA 5035A											
Blank (BA80665-BLK2)											
Prepared & Analyzed: 01/18/2018											
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*47.7*		*ug/L*	*50.0*		*95.4*	*77-125*				
Surrogate: Toluene-d8	*46.9*		*"*	*50.0*		*93.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80665 - EPA 5035A											
LCS (BA80665-BS1)								Prepared & Analyzed: 01/18/2018			
1,1,1,2-Tetrachloroethane	50.3		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	51.5		"	50.0		103	71-137				
1,1,2,2-Tetrachloroethane	49.8		"	50.0		99.7	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.1		"	50.0		106	58-146				
1,1,2-Trichloroethane	48.8		"	50.0		97.7	83-123				
1,1-Dichloroethane	53.4		"	50.0		107	75-130				
1,1-Dichloroethylene	51.0		"	50.0		102	64-137				
1,2,3-Trichlorobenzene	47.5		"	50.0		95.0	81-140				
1,2,3-Trichloropropane	50.6		"	50.0		101	81-126				
1,2,4-Trichlorobenzene	48.6		"	50.0		97.2	80-141				
1,2,4-Trimethylbenzene	50.2		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	50.6		"	50.0		101	74-142				
1,2-Dibromoethane	49.6		"	50.0		99.2	86-123				
1,2-Dichlorobenzene	49.8		"	50.0		99.7	85-122				
1,2-Dichloroethane	52.8		"	50.0		106	71-133				
1,2-Dichloropropane	50.8		"	50.0		102	81-122				
1,3,5-Trimethylbenzene	49.8		"	50.0		99.6	82-126				
1,3-Dichlorobenzene	48.8		"	50.0		97.6	84-124				
1,4-Dichlorobenzene	48.9		"	50.0		97.7	84-124				
1,4-Dioxane	1210		"	1050		116	10-228				
2-Butanone	49.7		"	50.0		99.4	58-147				
2-Hexanone	45.8		"	50.0		91.6	70-139				
4-Methyl-2-pentanone	47.7		"	50.0		95.3	72-132				
Acetone	44.1		"	50.0		88.1	36-155				
Acrolein	29.8		"	50.0		59.6	10-238				
Acrylonitrile	54.4		"	50.0		109	66-141				
Benzene	52.8		"	50.0		106	77-127				
Bromochloromethane	53.2		"	50.0		106	74-129				
Bromodichloromethane	47.7		"	50.0		95.4	81-124				
Bromoform	47.0		"	50.0		94.0	80-136				
Bromomethane	52.2		"	50.0		104	32-177				
Carbon disulfide	56.7		"	50.0		113	10-136				
Carbon tetrachloride	52.5		"	50.0		105	66-143				
Chlorobenzene	49.9		"	50.0		99.7	86-120				
Chloroethane	60.3		"	50.0		121	51-142				
Chloroform	52.5		"	50.0		105	76-131				
Chloromethane	57.4		"	50.0		115	49-132				
cis-1,2-Dichloroethylene	52.3		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	49.6		"	50.0		99.3	81-129				
Cyclohexane	52.8		"	50.0		106	70-130				
Dibromochloromethane	50.0		"	50.0		99.9	10-200				
Dibromomethane	49.1		"	50.0		98.2	83-124				
Dichlorodifluoromethane	60.6		"	50.0		121	28-158				
Ethyl Benzene	50.9		"	50.0		102	84-125				
Hexachlorobutadiene	49.6		"	50.0		99.2	83-133				
Isopropylbenzene	49.8		"	50.0		99.6	81-127				
Methyl acetate	44.2		"	50.0		88.5	41-143				
Methyl tert-butyl ether (MTBE)	53.4		"	50.0		107	74-131				
Methylcyclohexane	50.0		"	50.0		100	70-130				
Methylene chloride	52.9		"	50.0		106	57-141				
n-Butylbenzene	52.2		"	50.0		104	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80665 - EPA 5035A											
LCS (BA80665-BS1)								Prepared & Analyzed: 01/18/2018			
n-Propylbenzene	51.1		ug/L	50.0		102	74-136				
o-Xylene	50.7		"	50.0		101	83-123				
p- & m- Xylenes	100		"	100		100	82-128				
p-Isopropyltoluene	50.4		"	50.0		101	85-125				
sec-Butylbenzene	51.8		"	50.0		104	83-125				
Styrene	48.2		"	50.0		96.5	86-126				
tert-Butyl alcohol (TBA)	263		"	250		105	70-130				
tert-Butylbenzene	49.6		"	50.0		99.2	80-127				
Tetrachloroethylene	46.8		"	50.0		93.7	80-129				
Toluene	50.3		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	52.8		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	48.6		"	50.0		97.1	78-132				
Trichloroethylene	51.0		"	50.0		102	84-123				
Trichlorofluoromethane	58.9		"	50.0		118	62-140				
Vinyl Chloride	57.6		"	50.0		115	52-130				
Surrogate: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.7*	*77-125*				
Surrogate: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
LCS Dup (BA80665-BSD1)								Prepared & Analyzed: 01/18/2018			
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0		100	75-129		0.658	30	
1,1,1-Trichloroethane	51.6		"	50.0		103	71-137		0.175	30	
1,1,2,2-Tetrachloroethane	50.3		"	50.0		101	79-129		0.839	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.8		"	50.0		106	58-146		0.680	30	
1,1,2-Trichloroethane	48.2		"	50.0		96.3	83-123		1.40	30	
1,1-Dichloroethane	53.4		"	50.0		107	75-130		0.0375	30	
1,1-Dichloroethylene	50.5		"	50.0		101	64-137		0.985	30	
1,2,3-Trichlorobenzene	47.8		"	50.0		95.6	81-140		0.630	30	
1,2,3-Trichloropropane	50.4		"	50.0		101	81-126		0.435	30	
1,2,4-Trichlorobenzene	48.2		"	50.0		96.4	80-141		0.847	30	
1,2,4-Trimethylbenzene	49.3		"	50.0		98.6	84-125		1.77	30	
1,2-Dibromo-3-chloropropane	51.5		"	50.0		103	74-142		1.67	30	
1,2-Dibromoethane	48.9		"	50.0		97.8	86-123		1.48	30	
1,2-Dichlorobenzene	49.4		"	50.0		98.8	85-122		0.866	30	
1,2-Dichloroethane	53.5		"	50.0		107	71-133		1.41	30	
1,2-Dichloropropane	49.5		"	50.0		99.0	81-122		2.57	30	
1,3,5-Trimethylbenzene	49.3		"	50.0		98.6	82-126		1.05	30	
1,3-Dichlorobenzene	48.6		"	50.0		97.1	84-124		0.534	30	
1,4-Dichlorobenzene	48.0		"	50.0		95.9	84-124		1.90	30	
1,4-Dioxane	1150		"	1050		110	10-228		5.32	30	
2-Butanone	49.7		"	50.0		99.5	58-147		0.101	30	
2-Hexanone	45.5		"	50.0		91.1	70-139		0.569	30	
4-Methyl-2-pentanone	46.9		"	50.0		93.8	72-132		1.56	30	
Acetone	40.3		"	50.0		80.6	36-155		8.91	30	
Acrolein	30.6		"	50.0		61.3	10-238		2.78	30	
Acrylonitrile	53.9		"	50.0		108	66-141		0.961	30	
Benzene	52.4		"	50.0		105	77-127		0.780	30	
Bromochloromethane	53.0		"	50.0		106	74-129		0.320	30	
Bromodichloromethane	47.7		"	50.0		95.4	81-124		0.0839	30	
Bromoform	46.1		"	50.0		92.3	80-136		1.85	30	
Bromomethane	51.7		"	50.0		103	32-177		0.866	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80665 - EPA 5035A											
LCS Dup (BA80665-BSD1)								Prepared & Analyzed: 01/18/2018			
Carbon disulfide	55.7		ug/L	50.0		111	10-136		1.71	30	
Carbon tetrachloride	52.0		"	50.0		104	66-143		0.880	30	
Chlorobenzene	48.9		"	50.0		97.8	86-120		1.94	30	
Chloroethane	59.1		"	50.0		118	51-142		1.96	30	
Chloroform	51.8		"	50.0		104	76-131		1.30	30	
Chloromethane	57.2		"	50.0		114	49-132		0.471	30	
cis-1,2-Dichloroethylene	52.0		"	50.0		104	74-132		0.576	30	
cis-1,3-Dichloropropylene	49.1		"	50.0		98.3	81-129		1.05	30	
Cyclohexane	52.1		"	50.0		104	70-130		1.37	30	
Dibromochloromethane	49.5		"	50.0		99.0	10-200		0.945	30	
Dibromomethane	48.7		"	50.0		97.3	83-124		0.839	30	
Dichlorodifluoromethane	59.6		"	50.0		119	28-158		1.68	30	
Ethyl Benzene	50.5		"	50.0		101	84-125		0.849	30	
Hexachlorobutadiene	48.8		"	50.0		97.6	83-133		1.63	30	
Isopropylbenzene	48.5		"	50.0		96.9	81-127		2.73	30	
Methyl acetate	44.0		"	50.0		88.1	41-143		0.498	30	
Methyl tert-butyl ether (MTBE)	53.4		"	50.0		107	74-131		0.0749	30	
Methylcyclohexane	48.5		"	50.0		97.0	70-130		3.06	30	
Methylene chloride	52.7		"	50.0		105	57-141		0.417	30	
n-Butylbenzene	50.9		"	50.0		102	80-130		2.42	30	
n-Propylbenzene	50.0		"	50.0		100	74-136		2.12	30	
o-Xylene	50.0		"	50.0		100	83-123		1.27	30	
p- & m- Xylenes	97.8		"	100		97.8	82-128		2.38	30	
p-Isopropyltoluene	50.1		"	50.0		100	85-125		0.657	30	
sec-Butylbenzene	51.7		"	50.0		103	83-125		0.155	30	
Styrene	47.6		"	50.0		95.2	86-126		1.36	30	
tert-Butyl alcohol (TBA)	261		"	250		104	70-130		0.871	30	
tert-Butylbenzene	49.0		"	50.0		98.0	80-127		1.16	30	
Tetrachloroethylene	46.2		"	50.0		92.4	80-129		1.44	30	
Toluene	48.7		"	50.0		97.4	85-121		3.15	30	
trans-1,2-Dichloroethylene	52.2		"	50.0		104	72-132		1.22	30	
trans-1,3-Dichloropropylene	48.3		"	50.0		96.7	78-132		0.454	30	
Trichloroethylene	49.2		"	50.0		98.3	84-123		3.71	30	
Trichlorofluoromethane	59.0		"	50.0		118	62-140		0.187	30	
Vinyl Chloride	56.9		"	50.0		114	52-130		1.14	30	
Surrogate: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.3*	*77-125*				
Surrogate: Toluene-d8	*47.6*		*"*	*50.0*		*95.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
Blank (BA81062-BLK1)											
Prepared: 01/26/2018 Analyzed: 01/27/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

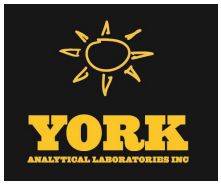
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
Blank (BA81062-BLK1)								Prepared: 01/26/2018 Analyzed: 01/27/2018			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*45.8*		*ug/L*	*50.0*		*91.7*	*77-125*				
Surrogate: Toluene-d8	*46.7*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				
LCS (BA81062-BS1)								Prepared & Analyzed: 01/26/2018			
1,1,1,2-Tetrachloroethane	47.0		ug/L	50.0		94.0	75-129				
1,1,1-Trichloroethane	51.2		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	47.7		"	50.0		95.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.6		"	50.0		111	58-146				
1,1,2-Trichloroethane	48.6		"	50.0		97.3	83-123				
1,1-Dichloroethane	55.7		"	50.0		111	75-130				
1,1-Dichloroethylene	53.9		"	50.0		108	64-137				
1,2,3-Trichlorobenzene	42.7		"	50.0		85.4	81-140				
1,2,3-Trichloropropane	46.1		"	50.0		92.2	81-126				
1,2,4-Trichlorobenzene	42.4		"	50.0		84.8	80-141				
1,2,4-Trimethylbenzene	46.1		"	50.0		92.3	84-125				
1,2-Dibromo-3-chloropropane	47.5		"	50.0		95.1	74-142				
1,2-Dibromoethane	47.2		"	50.0		94.4	86-123				
1,2-Dichlorobenzene	45.6		"	50.0		91.1	85-122				
1,2-Dichloroethane	52.6		"	50.0		105	71-133				
1,2-Dichloropropane	51.0		"	50.0		102	81-122				
1,3,5-Trimethylbenzene	46.2		"	50.0		92.4	82-126				
1,3-Dichlorobenzene	44.3		"	50.0		88.6	84-124				
1,4-Dichlorobenzene	44.4		"	50.0		88.8	84-124				
1,4-Dioxane	1110		"	1050		106	10-228				
2-Butanone	51.8		"	50.0		104	58-147				
2-Hexanone	44.5		"	50.0		88.9	70-139				
4-Methyl-2-pentanone	46.5		"	50.0		93.0	72-132				
Acetone	40.4		"	50.0		80.8	36-155				
Acrolein	156		"	50.0		312	10-238	High Bias			
Acrylonitrile	56.1		"	50.0		112	66-141				
Benzene	54.4		"	50.0		109	77-127				
Bromochloromethane	54.9		"	50.0		110	74-129				
Bromodichloromethane	46.7		"	50.0		93.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
LCS (BA81062-BS1)								Prepared & Analyzed: 01/26/2018			
Bromoform	41.5		ug/L	50.0		83.0	80-136				
Bromomethane	50.1		"	50.0		100	32-177				
Carbon disulfide	60.1		"	50.0		120	10-136				
Carbon tetrachloride	51.1		"	50.0		102	66-143				
Chlorobenzene	48.0		"	50.0		95.9	86-120				
Chloroethane	57.4		"	50.0		115	51-142				
Chloroform	52.6		"	50.0		105	76-131				
Chloromethane	56.9		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	53.4		"	50.0		107	74-132				
cis-1,3-Dichloropropylene	47.5		"	50.0		94.9	81-129				
Cyclohexane	54.2		"	50.0		108	70-130				
Dibromochloromethane	46.5		"	50.0		93.0	10-200				
Dibromomethane	47.7		"	50.0		95.4	83-124				
Dichlorodifluoromethane	59.6		"	50.0		119	28-158				
Ethyl Benzene	48.1		"	50.0		96.2	84-125				
Hexachlorobutadiene	42.9		"	50.0		85.7	83-133				
Isopropylbenzene	46.1		"	50.0		92.2	81-127				
Methyl acetate	52.7		"	50.0		105	41-143				
Methyl tert-butyl ether (MTBE)	57.0		"	50.0		114	74-131				
Methylcyclohexane	49.0		"	50.0		98.0	70-130				
Methylene chloride	54.1		"	50.0		108	57-141				
n-Butylbenzene	46.7		"	50.0		93.3	80-130				
n-Propylbenzene	46.4		"	50.0		92.8	74-136				
o-Xylene	47.8		"	50.0		95.6	83-123				
p- & m- Xylenes	95.0		"	100		95.0	82-128				
p-Isopropyltoluene	46.2		"	50.0		92.4	85-125				
sec-Butylbenzene	48.8		"	50.0		97.5	83-125				
Styrene	46.0		"	50.0		92.1	86-126				
tert-Butyl alcohol (TBA)	268		"	250		107	70-130				
tert-Butylbenzene	46.3		"	50.0		92.6	80-127				
Tetrachloroethylene	44.9		"	50.0		89.7	80-129				
Toluene	48.6		"	50.0		97.1	85-121				
trans-1,2-Dichloroethylene	54.3		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	45.6		"	50.0		91.2	78-132				
Trichloroethylene	49.7		"	50.0		99.4	84-123				
Trichlorofluoromethane	54.6		"	50.0		109	62-140				
Vinyl Chloride	56.1		"	50.0		112	52-130				
Surrogate: 1,2-Dichloroethane-d4	*46.4*		*"*	*50.0*		*92.8*	*77-125*				
Surrogate: Toluene-d8	*47.0*		*"*	*50.0*		*94.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

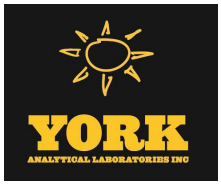
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
LCS Dup (BA81062-BSD1)								Prepared & Analyzed: 01/26/2018			
1,1,1,2-Tetrachloroethane	47.3		ug/L	50.0		94.6	75-129		0.658	30	
1,1,1-Trichloroethane	50.6		"	50.0		101	71-137		1.30	30	
1,1,2,2-Tetrachloroethane	47.4		"	50.0		94.8	79-129		0.589	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.3		"	50.0		109	58-146		2.33	30	
1,1,2-Trichloroethane	47.3		"	50.0		94.5	83-123		2.86	30	
1,1-Dichloroethane	55.2		"	50.0		110	75-130		0.902	30	
1,1-Dichloroethylene	52.7		"	50.0		105	64-137		2.18	30	
1,2,3-Trichlorobenzene	42.3		"	50.0		84.6	81-140		0.941	30	
1,2,3-Trichloropropane	46.0		"	50.0		92.0	81-126		0.217	30	
1,2,4-Trichlorobenzene	42.1		"	50.0		84.2	80-141		0.710	30	
1,2,4-Trimethylbenzene	45.2		"	50.0		90.5	84-125		1.95	30	
1,2-Dibromo-3-chloropropane	48.0		"	50.0		96.0	74-142		0.963	30	
1,2-Dibromoethane	46.6		"	50.0		93.1	86-123		1.30	30	
1,2-Dichlorobenzene	45.1		"	50.0		90.2	85-122		1.04	30	
1,2-Dichloroethane	52.0		"	50.0		104	71-133		1.19	30	
1,2-Dichloropropane	49.6		"	50.0		99.1	81-122		2.98	30	
1,3,5-Trimethylbenzene	45.0		"	50.0		90.0	82-126		2.72	30	
1,3-Dichlorobenzene	44.7		"	50.0		89.4	84-124		0.809	30	
1,4-Dichlorobenzene	44.1		"	50.0		88.1	84-124		0.723	30	
1,4-Dioxane	1140		"	1050		109	10-228		2.93	30	
2-Butanone	51.4		"	50.0		103	58-147		0.853	30	
2-Hexanone	44.0		"	50.0		87.9	70-139		1.11	30	
4-Methyl-2-pentanone	45.6		"	50.0		91.3	72-132		1.87	30	
Acetone	38.8		"	50.0		77.6	36-155		4.09	30	
Acrolein	158		"	50.0		316	10-238	High Bias	0.981	30	
Acrylonitrile	54.8		"	50.0		110	66-141		2.43	30	
Benzene	53.7		"	50.0		107	77-127		1.39	30	
Bromochloromethane	52.9		"	50.0		106	74-129		3.66	30	
Bromodichloromethane	45.3		"	50.0		90.6	81-124		3.15	30	
Bromoform	40.8		"	50.0		81.6	80-136		1.73	30	
Bromomethane	51.7		"	50.0		103	32-177		3.08	30	
Carbon disulfide	55.2		"	50.0		110	10-136		8.49	30	
Carbon tetrachloride	50.7		"	50.0		101	66-143		0.805	30	
Chlorobenzene	47.2		"	50.0		94.4	86-120		1.60	30	
Chloroethane	57.1		"	50.0		114	51-142		0.437	30	
Chloroform	52.8		"	50.0		106	76-131		0.190	30	
Chloromethane	57.9		"	50.0		116	49-132		1.72	30	
cis-1,2-Dichloroethylene	53.4		"	50.0		107	74-132		0.0749	30	
cis-1,3-Dichloropropylene	46.0		"	50.0		91.9	81-129		3.23	30	
Cyclohexane	54.0		"	50.0		108	70-130		0.351	30	
Dibromochloromethane	46.2		"	50.0		92.3	10-200		0.734	30	
Dibromomethane	46.9		"	50.0		93.8	83-124		1.71	30	
Dichlorodifluoromethane	59.7		"	50.0		119	28-158		0.302	30	
Ethyl Benzene	48.4		"	50.0		96.8	84-125		0.663	30	
Hexachlorobutadiene	42.8		"	50.0		85.6	83-133		0.117	30	
Isopropylbenzene	45.6		"	50.0		91.3	81-127		0.981	30	
Methyl acetate	49.5		"	50.0		98.9	41-143		6.27	30	
Methyl tert-butyl ether (MTBE)	56.7		"	50.0		113	74-131		0.598	30	
Methylcyclohexane	48.1		"	50.0		96.1	70-130		1.88	30	
Methylene chloride	53.8		"	50.0		108	57-141		0.594	30	
n-Butylbenzene	46.2		"	50.0		92.4	80-130		0.991	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81062 - EPA 5035A											
LCS Dup (BA81062-BSD1)								Prepared & Analyzed: 01/26/2018			
n-Propylbenzene	46.6		ug/L	50.0		93.2	74-136		0.409	30	
o-Xylene	48.2		"	50.0		96.4	83-123		0.812	30	
p- & m- Xylenes	94.6		"	100		94.6	82-128		0.411	30	
p-Isopropyltoluene	46.0		"	50.0		92.0	85-125		0.477	30	
sec-Butylbenzene	47.5		"	50.0		95.0	83-125		2.64	30	
Styrene	45.9		"	50.0		91.8	86-126		0.348	30	
tert-Butyl alcohol (TBA)	267		"	250		107	70-130		0.528	30	
tert-Butylbenzene	46.0		"	50.0		92.0	80-127		0.715	30	
Tetrachloroethylene	43.9		"	50.0		87.8	80-129		2.16	30	
Toluene	47.3		"	50.0		94.6	85-121		2.65	30	
trans-1,2-Dichloroethylene	53.8		"	50.0		108	72-132		1.02	30	
trans-1,3-Dichloropropylene	43.7		"	50.0		87.4	78-132		4.17	30	
Trichloroethylene	48.1		"	50.0		96.3	84-123		3.23	30	
Trichlorofluoromethane	54.6		"	50.0		109	62-140		0.146	30	
Vinyl Chloride	56.0		"	50.0		112	52-130		0.286	30	
Surrogate: 1,2-Dichloroethane-d4	*46.8*		*"*	*50.0*		*93.6*	*77-125*				
Surrogate: Toluene-d8	*45.8*		*"*	*50.0*		*91.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

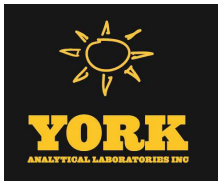
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80669 - EPA 3550C											
Blank (BA80669-BLK1)									Prepared & Analyzed: 01/18/2018		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80669 - EPA 3550C											
Blank (BA80669-BLK1)											
Prepared & Analyzed: 01/18/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.14*		"	*2.55*		*83.8*	*20-108*				
Surrogate: Phenol-d5	*2.31*		"	*2.59*		*89.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.73*		"	*1.81*		*95.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.51*		"	*1.76*		*85.9*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.82*		"	*2.59*		*109*	*19-110*				
Surrogate: Terphenyl-d14	*1.30*		"	*1.69*		*76.9*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

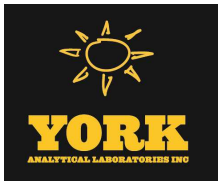
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80669 - EPA 3550C											
LCS (BA80669-BS1)							Prepared & Analyzed: 01/18/2018				
1,1-Biphenyl	0.727	0.0417	mg/kg wet	0.833		87.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.695	0.0833	"	0.833		83.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.716	0.0417	"	0.833		85.9	17-137				
2,3,4,6-Tetrachlorophenol	0.645	0.0833	"	0.833		77.4	30-130				
2,4,5-Trichlorophenol	0.772	0.0417	"	0.833		92.6	27-118				
2,4,6-Trichlorophenol	0.781	0.0417	"	0.833		93.7	31-120				
2,4-Dichlorophenol	0.803	0.0417	"	0.833		96.4	20-127				
2,4-Dimethylphenol	0.804	0.0417	"	0.833		96.4	14-132				
2,4-Dinitrophenol	0.714	0.0833	"	0.833		85.7	10-171				
2,4-Dinitrotoluene	0.723	0.0417	"	0.833		86.8	34-131				
2,6-Dinitrotoluene	0.722	0.0417	"	0.833		86.6	31-128				
2-Chloronaphthalene	0.583	0.0417	"	0.833		70.0	31-117				
2-Chlorophenol	0.736	0.0417	"	0.833		88.3	33-113				
2-Methylnaphthalene	0.829	0.0417	"	0.833		99.5	12-138				
2-Methylphenol	0.785	0.0417	"	0.833		94.2	10-136				
2-Nitroaniline	0.806	0.0833	"	0.833		96.7	27-132				
2-Nitrophenol	0.835	0.0417	"	0.833		100	17-129				
3- & 4-Methylphenols	0.711	0.0417	"	0.833		85.4	29-103				
3,3-Dichlorobenzidine	0.637	0.0417	"	0.833		76.4	22-149				
3-Nitroaniline	0.569	0.0833	"	0.833		68.2	20-133				
4,6-Dinitro-2-methylphenol	0.791	0.0833	"	0.833		94.9	10-143				
4-Bromophenyl phenyl ether	0.822	0.0417	"	0.833		98.6	29-120				
4-Chloro-3-methylphenol	0.893	0.0417	"	0.833		107	24-129				
4-Chloroaniline	0.461	0.0417	"	0.833		55.3	10-132				
4-Chlorophenyl phenyl ether	0.730	0.0417	"	0.833		87.6	27-124				
4-Nitroaniline	0.747	0.0833	"	0.833		89.6	16-128				
4-Nitrophenol	0.820	0.0833	"	0.833		98.4	10-141				
Acenaphthene	0.728	0.0417	"	0.833		87.3	30-121				
Acenaphthylene	0.673	0.0417	"	0.833		80.8	30-115				
Acetophenone	0.780	0.0417	"	0.833		93.6	20-112				
Aniline	0.557	0.167	"	0.833		66.8	10-119				
Anthracene	0.770	0.0417	"	0.833		92.4	34-118				
Atrazine	0.873	0.0417	"	0.833		105	26-112				
Benzaldehyde	0.805	0.0417	"	0.833		96.6	21-100				
Benzo(a)anthracene	0.861	0.0417	"	0.833		103	32-122				
Benzo(a)pyrene	0.861	0.0417	"	0.833		103	29-133				
Benzo(b)fluoranthene	0.771	0.0417	"	0.833		92.5	25-133				
Benzo(g,h,i)perylene	0.797	0.0417	"	0.833		95.6	10-143				
Benzo(k)fluoranthene	0.766	0.0417	"	0.833		91.9	25-128				
Benzoic acid	0.449	0.0417	"	0.967		46.4	10-140				
Benzyl alcohol	0.730	0.0417	"	0.833		87.6	30-115				
Benzyl butyl phthalate	0.900	0.0417	"	0.833		108	26-126				
Bis(2-chloroethoxy)methane	0.822	0.0417	"	0.833		98.6	19-132				
Bis(2-chloroethyl)ether	0.707	0.0417	"	0.833		84.9	19-125				
Bis(2-chloroisopropyl)ether	0.770	0.0417	"	0.833		92.4	20-135				
Bis(2-ethylhexyl)phthalate	0.859	0.0417	"	0.833		103	10-155				
Caprolactam	0.881	0.0833	"	0.833		106	10-127				
Carbazole	0.655	0.0417	"	0.833		78.6	35-123				
Chrysene	0.745	0.0417	"	0.833		89.4	32-123				
Dibenzo(a,h)anthracene	0.786	0.0417	"	0.833		94.3	10-136				
Dibenzofuran	0.714	0.0417	"	0.833		85.6	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80669 - EPA 3550C											
LCS (BA80669-BS1)								Prepared & Analyzed: 01/18/2018			
Diethyl phthalate	0.687	0.0417	mg/kg wet	0.833		82.4	34-116				
Dimethyl phthalate	0.715	0.0417	"	0.833		85.8	35-124				
Di-n-butyl phthalate	0.730	0.0417	"	0.833		87.6	31-116				
Di-n-octyl phthalate	0.872	0.0417	"	0.833		105	26-136				
Diphenylamine	0.959	0.0833	"	0.833		115	40-140				
Fluoranthene	0.792	0.0417	"	0.833		95.0	33-122				
Fluorene	0.733	0.0417	"	0.833		87.9	29-123				
Hexachlorobenzene	0.617	0.0417	"	0.833		74.1	21-124				
Hexachlorobutadiene	0.616	0.0417	"	0.833		73.9	10-149				
Hexachlorocyclopentadiene	0.496	0.0417	"	0.833		59.5	10-129				
Hexachloroethane	0.590	0.0417	"	0.833		70.8	28-108				
Indeno(1,2,3-cd)pyrene	0.772	0.0417	"	0.833		92.6	10-135				
Isophorone	0.664	0.0417	"	0.833		79.7	20-132				
Naphthalene	0.769	0.0417	"	0.833		92.3	23-124				
Nitrobenzene	0.637	0.0417	"	0.833		76.4	13-132				
N-Nitrosodimethylamine	0.573	0.0417	"	0.833		68.8	11-129				
N-nitroso-di-n-propylamine	0.701	0.0417	"	0.833		84.1	24-119				
N-Nitrosodiphenylamine	0.988	0.0417	"	0.833		119	22-152				
Pentachlorophenol	0.580	0.0417	"	0.833		69.6	10-139				
Phenanthrene	0.794	0.0417	"	0.833		95.2	33-123				
Phenol	0.727	0.0417	"	0.833		87.2	23-115				
Pyrene	0.844	0.0417	"	0.833		101	32-130				
Pyridine	0.415	0.167	"	0.833		49.8	10-91				
Surrogate: 2-Fluorophenol	*2.02*		"	*2.55*		*79.3*	*20-108*				
Surrogate: Phenol-d5	*2.20*		"	*2.59*		*85.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.57*		"	*1.81*		*86.8*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.33*		"	*1.76*		*75.6*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.61*		"	*2.59*		*101*	*19-110*				
Surrogate: Terphenyl-d14	*1.14*		"	*1.69*		*67.8*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

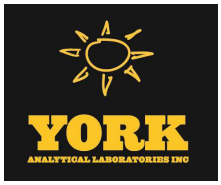
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81008 - EPA 3550C											
Blank (BA81008-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared: 01/25/2018 Analyzed: 01/26/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81008 - EPA 3550C											
Blank (BA81008-BLK1)											
Prepared: 01/25/2018 Analyzed: 01/26/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.83*		"	*2.55*		*71.9*	*20-108*				
Surrogate: Phenol-d5	*2.04*		"	*2.59*		*78.8*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.60*		"	*1.81*		*88.3*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.27*		"	*1.76*		*72.5*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.20*		"	*2.59*		*84.9*	*19-110*				
Surrogate: Terphenyl-d14	*1.07*		"	*1.69*		*63.2*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81008 - EPA 3550C											
LCS (BA81008-BS1)								Prepared: 01/25/2018 Analyzed: 01/26/2018			
1,1-Biphenyl	0.627	0.0417	mg/kg wet	0.833		75.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.561	0.0833	"	0.833		67.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.554	0.0417	"	0.833		66.5	17-137				
2,3,4,6-Tetrachlorophenol	0.556	0.0833	"	0.833		66.7	30-130				
2,4,5-Trichlorophenol	0.706	0.0417	"	0.833		84.7	27-118				
2,4,6-Trichlorophenol	0.675	0.0417	"	0.833		81.0	31-120				
2,4-Dichlorophenol	0.662	0.0417	"	0.833		79.5	20-127				
2,4-Dimethylphenol	0.632	0.0417	"	0.833		75.9	14-132				
2,4-Dinitrophenol	0.640	0.0833	"	0.833		76.8	10-171				
2,4-Dinitrotoluene	0.661	0.0417	"	0.833		79.3	34-131				
2,6-Dinitrotoluene	0.622	0.0417	"	0.833		74.6	31-128				
2-Chloronaphthalene	0.504	0.0417	"	0.833		60.4	31-117				
2-Chlorophenol	0.545	0.0417	"	0.833		65.4	33-113				
2-Methylnaphthalene	0.649	0.0417	"	0.833		77.9	12-138				
2-Methylphenol	0.591	0.0417	"	0.833		71.0	10-136				
2-Nitroaniline	0.655	0.0833	"	0.833		78.6	27-132				
2-Nitrophenol	0.700	0.0417	"	0.833		84.0	17-129				
3- & 4-Methylphenols	0.547	0.0417	"	0.833		65.7	29-103				
3,3-Dichlorobenzidine	0.485	0.0417	"	0.833		58.2	22-149				
3-Nitroaniline	0.427	0.0833	"	0.833		51.2	20-133				
4,6-Dinitro-2-methylphenol	0.710	0.0833	"	0.833		85.2	10-143				
4-Bromophenyl phenyl ether	0.609	0.0417	"	0.833		73.0	29-120				
4-Chloro-3-methylphenol	0.750	0.0417	"	0.833		90.0	24-129				
4-Chloroaniline	0.269	0.0417	"	0.833		32.2	10-132				
4-Chlorophenyl phenyl ether	0.643	0.0417	"	0.833		77.2	27-124				
4-Nitroaniline	0.635	0.0833	"	0.833		76.2	16-128				
4-Nitrophenol	0.735	0.0833	"	0.833		88.2	10-141				
Acenaphthene	0.614	0.0417	"	0.833		73.7	30-121				
Acenaphthylene	0.557	0.0417	"	0.833		66.9	30-115				
Acetophenone	0.647	0.0417	"	0.833		77.7	20-112				
Aniline	0.503	0.167	"	0.833		60.4	10-119				
Anthracene	0.643	0.0417	"	0.833		77.2	34-118				
Atrazine	0.751	0.0417	"	0.833		90.1	26-112				
Benzaldehyde	0.675	0.0417	"	0.833		81.0	21-100				
Benzo(a)anthracene	0.733	0.0417	"	0.833		88.0	32-122				
Benzo(a)pyrene	0.743	0.0417	"	0.833		89.2	29-133				
Benzo(b)fluoranthene	0.675	0.0417	"	0.833		81.0	25-133				
Benzo(g,h,i)perylene	0.683	0.0417	"	0.833		81.9	10-143				
Benzo(k)fluoranthene	0.663	0.0417	"	0.833		79.6	25-128				
Benzoic acid	0.374	0.0417	"	0.967		38.7	10-140				
Benzyl alcohol	0.571	0.0417	"	0.833		68.6	30-115				
Benzyl butyl phthalate	0.708	0.0417	"	0.833		85.0	26-126				
Bis(2-chloroethoxy)methane	0.680	0.0417	"	0.833		81.6	19-132				
Bis(2-chloroethyl)ether	0.539	0.0417	"	0.833		64.6	19-125				
Bis(2-chloroisopropyl)ether	0.559	0.0417	"	0.833		67.1	20-135				
Bis(2-ethylhexyl)phthalate	0.789	0.0417	"	0.833		94.6	10-155				
Caprolactam	0.815	0.0833	"	0.833		97.8	10-127				
Carbazole	0.577	0.0417	"	0.833		69.2	35-123				
Chrysene	0.644	0.0417	"	0.833		77.2	32-123				
Dibenzo(a,h)anthracene	0.694	0.0417	"	0.833		83.3	10-136				
Dibenzofuran	0.609	0.0417	"	0.833		73.0	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81008 - EPA 3550C											
LCS (BA81008-BS1)									Prepared: 01/25/2018 Analyzed: 01/26/2018		
Diethyl phthalate	0.627	0.0417	mg/kg wet	0.833		75.2	34-116				
Dimethyl phthalate	0.607	0.0417	"	0.833		72.8	35-124				
Di-n-butyl phthalate	0.673	0.0417	"	0.833		80.8	31-116				
Di-n-octyl phthalate	0.707	0.0417	"	0.833		84.8	26-136				
Diphenylamine	0.721	0.0833	"	0.833		86.6	40-140				
Fluoranthene	0.639	0.0417	"	0.833		76.7	33-122				
Fluorene	0.621	0.0417	"	0.833		74.5	29-123				
Hexachlorobenzene	0.487	0.0417	"	0.833		58.4	21-124				
Hexachlorobutadiene	0.517	0.0417	"	0.833		62.0	10-149				
Hexachlorocyclopentadiene	0.361	0.0417	"	0.833		43.3	10-129				
Hexachloroethane	0.455	0.0417	"	0.833		54.6	28-108				
Indeno(1,2,3-cd)pyrene	0.684	0.0417	"	0.833		82.1	10-135				
Isophorone	0.561	0.0417	"	0.833		67.3	20-132				
Naphthalene	0.605	0.0417	"	0.833		72.6	23-124				
Nitrobenzene	0.519	0.0417	"	0.833		62.3	13-132				
N-Nitrosodimethylamine	0.441	0.0417	"	0.833		53.0	11-129				
N-nitroso-di-n-propylamine	0.574	0.0417	"	0.833		68.9	24-119				
N-Nitrosodiphenylamine	0.739	0.0417	"	0.833		88.7	22-152				
Pentachlorophenol	0.397	0.0417	"	0.833		47.7	10-139				
Phenanthrene	0.657	0.0417	"	0.833		78.8	33-123				
Phenol	0.584	0.0417	"	0.833		70.1	23-115				
Pyrene	0.684	0.0417	"	0.833		82.1	32-130				
Pyridine	0.294	0.167	"	0.833		35.2	10-91				
Surrogate: 2-Fluorophenol	*1.68*		"	*2.55*		*65.9*	*20-108*				
Surrogate: Phenol-d5	*1.87*		"	*2.59*		*72.3*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.45*		"	*1.81*		*80.1*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.25*		"	*1.76*		*71.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.12*		"	*2.59*		*82.1*	*19-110*				
Surrogate: Terphenyl-d14	*1.08*		"	*1.69*		*63.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80669 - EPA 3550C											
Blank (BA80669-BLK1)									Prepared & Analyzed: 01/18/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BA81008 - EPA 3550C											
Blank (BA81008-BLK1)									Prepared: 01/25/2018 Analyzed: 01/26/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80603 - EPA 3550C											
Blank (BA80603-BLK1)											Prepared & Analyzed: 01/17/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0712*		*"*	*0.0667*		*107*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0569*		*"*	*0.0667*		*85.4*	*30-150*				
LCS (BA80603-BS1)											Prepared & Analyzed: 01/17/2018
4,4'-DDD	0.0351	0.000330	mg/kg wet	0.0333		105	40-140				
4,4'-DDE	0.0327	0.000330	"	0.0333		98.1	40-140				
4,4'-DDT	0.0319	0.000330	"	0.0333		95.6	40-140				
Aldrin	0.0348	0.000330	"	0.0333		105	40-140				
alpha-BHC	0.0354	0.000330	"	0.0333		106	40-140				
alpha-Chlordane	0.0326	0.000330	"	0.0333		97.9	40-140				
beta-BHC	0.0351	0.000330	"	0.0333		105	40-140				
delta-BHC	0.0377	0.000330	"	0.0333		113	40-140				
Dieldrin	0.0353	0.000330	"	0.0333		106	40-140				
Endosulfan I	0.0386	0.000330	"	0.0333		116	40-140				
Endosulfan II	0.0359	0.000330	"	0.0333		108	40-140				
Endosulfan sulfate	0.0350	0.000330	"	0.0333		105	40-140				
Endrin	0.0312	0.000330	"	0.0333		93.7	40-140				
Endrin aldehyde	0.0334	0.000330	"	0.0333		100	40-140				
Endrin ketone	0.0378	0.000330	"	0.0333		113	40-140				
gamma-BHC (Lindane)	0.0344	0.000330	"	0.0333		103	40-140				
gamma-Chlordane	0.0328	0.000330	"	0.0333		98.5	40-140				
Heptachlor	0.0317	0.000330	"	0.0333		95.0	40-140				
Heptachlor epoxide	0.0329	0.000330	"	0.0333		98.7	40-140				
Methoxychlor	0.0265	0.00165	"	0.0333		79.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0555*		*"*	*0.0667*		*83.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0536*		*"*	*0.0667*		*80.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80603 - EPA 3550C											
Matrix Spike (BA80603-MS1)	*Source sample: 18A0454-14 (DUP02_011618)							Prepared & Analyzed: 01/17/2018			
4,4'-DDD	0.0489	0.00264	mg/kg dry	0.0533	ND	91.7	30-150				
4,4'-DDE	0.0473	0.00264	"	0.0533	ND	88.6	30-150				
4,4'-DDT	0.0441	0.00264	"	0.0533	ND	82.6	30-150				
Aldrin	0.0555	0.00264	"	0.0533	ND	104	30-150				
alpha-BHC	0.0587	0.00264	"	0.0533	ND	110	30-150				
alpha-Chlordane	0.0575	0.00264	"	0.0533	ND	108	30-150				
beta-BHC	0.0599	0.00264	"	0.0533	ND	112	30-150				
delta-BHC	0.0523	0.00264	"	0.0533	ND	98.1	30-150				
Dieldrin	0.0585	0.00264	"	0.0533	ND	110	30-150				
Endosulfan I	0.0635	0.00264	"	0.0533	ND	119	30-150				
Endosulfan II	0.0589	0.00264	"	0.0533	ND	110	30-150				
Endosulfan sulfate	0.0582	0.00264	"	0.0533	ND	109	30-150				
Endrin	0.0538	0.00264	"	0.0533	ND	101	30-150				
Endrin aldehyde	0.0545	0.00264	"	0.0533	ND	102	30-150				
Endrin ketone	0.0669	0.00264	"	0.0533	ND	126	30-150				
gamma-BHC (Lindane)	0.0589	0.00264	"	0.0533	ND	110	30-150				
gamma-Chlordane	0.0551	0.00264	"	0.0533	ND	103	30-150				
Heptachlor	0.0564	0.00264	"	0.0533	ND	106	30-150				
Heptachlor epoxide	0.0597	0.00264	"	0.0533	ND	112	30-150				
Methoxychlor	0.0470	0.0132	"	0.0533	ND	88.1	30-150				
Surrogate: Decachlorobiphenyl	*0.118*		*"*	*0.107*		*111*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.112*		*"*	*0.107*		*105*	*30-150*				
Matrix Spike Dup (BA80603-MSD1)	*Source sample: 18A0454-14 (DUP02_011618)							Prepared & Analyzed: 01/17/2018			
4,4'-DDD	0.0494	0.00264	mg/kg dry	0.0533	ND	92.6	30-150		0.966	30	
4,4'-DDE	0.0487	0.00264	"	0.0533	ND	91.4	30-150		3.06	30	
4,4'-DDT	0.0429	0.00264	"	0.0533	ND	80.4	30-150		2.79	30	
Aldrin	0.0614	0.00264	"	0.0533	ND	115	30-150		10.1	30	
alpha-BHC	0.0651	0.00264	"	0.0533	ND	122	30-150		10.3	30	
alpha-Chlordane	0.0616	0.00264	"	0.0533	ND	115	30-150		6.87	30	
beta-BHC	0.0647	0.00264	"	0.0533	ND	121	30-150		7.74	30	
delta-BHC	0.0569	0.00264	"	0.0533	ND	107	30-150		8.43	30	
Dieldrin	0.0618	0.00264	"	0.0533	ND	116	30-150		5.51	30	
Endosulfan I	0.0687	0.00264	"	0.0533	ND	129	30-150		7.87	30	
Endosulfan II	0.0619	0.00264	"	0.0533	ND	116	30-150		4.96	30	
Endosulfan sulfate	0.0581	0.00264	"	0.0533	ND	109	30-150		0.206	30	
Endrin	0.0565	0.00264	"	0.0533	ND	106	30-150		4.83	30	
Endrin aldehyde	0.0537	0.00264	"	0.0533	ND	101	30-150		1.47	30	
Endrin ketone	0.0696	0.00264	"	0.0533	ND	130	30-150		3.84	30	
gamma-BHC (Lindane)	0.0647	0.00264	"	0.0533	ND	121	30-150		9.40	30	
gamma-Chlordane	0.0595	0.00264	"	0.0533	ND	112	30-150		7.82	30	
Heptachlor	0.0617	0.00264	"	0.0533	ND	116	30-150		8.97	30	
Heptachlor epoxide	0.0647	0.00264	"	0.0533	ND	121	30-150		8.07	30	
Methoxychlor	0.0417	0.0132	"	0.0533	ND	78.3	30-150		11.8	30	
Surrogate: Decachlorobiphenyl	*0.117*		*"*	*0.107*		*110*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.115*		*"*	*0.107*		*108*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81009 - EPA 3550C											
Blank (BA81009-BLK1)											Prepared: 01/25/2018 Analyzed: 01/26/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0708*		"	*0.0667*		*106*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0591*		"	*0.0667*		*88.7*	*30-150*				
LCS (BA81009-BS1)											Prepared: 01/25/2018 Analyzed: 01/26/2018
4,4'-DDD	0.0264	0.000330	mg/kg wet	0.0333		79.2	40-140				
4,4'-DDE	0.0247	0.000330	"	0.0333		74.1	40-140				
4,4'-DDT	0.0268	0.000330	"	0.0333		80.3	40-140				
Aldrin	0.0295	0.000330	"	0.0333		88.6	40-140				
alpha-BHC	0.0305	0.000330	"	0.0333		91.4	40-140				
alpha-Chlordane	0.0278	0.000330	"	0.0333		83.4	40-140				
beta-BHC	0.0289	0.000330	"	0.0333		86.6	40-140				
delta-BHC	0.0303	0.000330	"	0.0333		90.9	40-140				
Dieldrin	0.0298	0.000330	"	0.0333		89.3	40-140				
Endosulfan I	0.0332	0.000330	"	0.0333		99.5	40-140				
Endosulfan II	0.0297	0.000330	"	0.0333		89.1	40-140				
Endosulfan sulfate	0.0291	0.000330	"	0.0333		87.3	40-140				
Endrin	0.0273	0.000330	"	0.0333		81.9	40-140				
Endrin aldehyde	0.0274	0.000330	"	0.0333		82.1	40-140				
Endrin ketone	0.0306	0.000330	"	0.0333		91.7	40-140				
gamma-BHC (Lindane)	0.0292	0.000330	"	0.0333		87.7	40-140				
gamma-Chlordane	0.0278	0.000330	"	0.0333		83.3	40-140				
Heptachlor	0.0270	0.000330	"	0.0333		80.9	40-140				
Heptachlor epoxide	0.0276	0.000330	"	0.0333		82.8	40-140				
Methoxychlor	0.0225	0.00165	"	0.0333		67.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0446*		"	*0.0667*		*66.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0473*		"	*0.0667*		*70.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8A1801 - BL70213											
Performance Mix (Y8A1801-PEM1)								Prepared & Analyzed: 01/17/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.643		"	0.00			0-200				
4,4'-DDT	152		"	200		76.0	0-200				
Endrin	104		"	100		104	0-200				
Endrin aldehyde	1.30		"	0.00			0-200				
Endrin ketone	5.53		"	0.00			0-200				
Performance Mix (Y8A1801-PEM2)								Prepared & Analyzed: 01/17/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.561		"	0.00			0-200				
4,4'-DDT	86.5		"	200		43.3	0-200				
Endrin	76.5		"	100		76.5	0-200				
Endrin aldehyde	1.87		"	0.00			0-200				
Endrin ketone	6.52		"	0.00			0-200				
Batch Y8A2302 - BL70213											
Performance Mix (Y8A2302-PEM1)								Prepared & Analyzed: 01/22/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.642		"	0.00			0-200				
4,4'-DDT	111		"	200		55.4	0-200				
Endrin	95.7		"	100		95.7	0-200				
Endrin aldehyde	1.78		"	0.00			0-200				
Endrin ketone	6.26		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8A2902 - BL70213											
Performance Mix (Y8A2902-PEM1)							Prepared & Analyzed: 01/26/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.654		"	0.00			0-200				
4,4'-DDT	151		"	200		75.7	0-200				
Endrin	116		"	100		116	0-200				
Endrin aldehyde	1.22		"	0.00			0-200				
Endrin ketone	5.76		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80603 - EPA 3550C											
Blank (BA80603-BLK2)								Prepared & Analyzed: 01/17/2018			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0510*		*"*	*0.0667*		*76.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0460*		*"*	*0.0667*		*69.0*	*30-140*				
LCS (BA80603-BS2)								Prepared & Analyzed: 01/17/2018			
Aroclor 1016	0.310	0.0167	mg/kg wet	0.333		93.0	40-130				
Aroclor 1260	0.302	0.0167	"	0.333		90.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0510*		*"*	*0.0667*		*76.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0477*		*"*	*0.0667*		*71.5*	*30-140*				
Matrix Spike (BA80603-MS2)	*Source sample: 18A0454-14 (DUP02_011618)							Prepared: 01/17/2018 Analyzed: 01/18/2018			
Aroclor 1016	0.556	0.0267	mg/kg dry	0.533	ND	104	40-140				
Aroclor 1260	0.491	0.0267	"	0.533	ND	92.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0891*		*"*	*0.107*		*83.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0747*		*"*	*0.107*		*70.0*	*30-140*				
Matrix Spike Dup (BA80603-MSD2)	*Source sample: 18A0454-14 (DUP02_011618)							Prepared: 01/17/2018 Analyzed: 01/18/2018			
Aroclor 1016	0.559	0.0267	mg/kg dry	0.533	ND	105	40-140		0.650	50	
Aroclor 1260	0.504	0.0267	"	0.533	ND	94.5	40-140		2.59	50	
Surrogate: Tetrachloro-m-xylene	*0.0880*		*"*	*0.107*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0731*		*"*	*0.107*		*68.5*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81009 - EPA 3550C											
Blank (BA81009-BLK2)											Prepared: 01/25/2018 Analyzed: 01/26/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0650*		*"*	*0.0667*		*97.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0513*		*"*	*0.0667*		*77.0*	*30-140*				
LCS (BA81009-BS2)											Prepared: 01/25/2018 Analyzed: 01/26/2018
Aroclor 1016	0.320	0.0167	mg/kg wet	0.333		95.9	40-130				
Aroclor 1260	0.298	0.0167	"	0.333		89.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0507*		*"*	*0.0667*		*76.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0427*		*"*	*0.0667*		*64.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80719 - EPA 3550B/8151A											
Blank (BA80719-BLK1)								Prepared & Analyzed: 01/19/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.659*		*"*	*0.500*		*132*	*30-150*				
LCS (BA80719-BS1)								Prepared & Analyzed: 01/19/2018			
2,4,5-T	0.123	0.0200	mg/kg wet	0.160		76.9	40-140				
2,4,5-TP (Silvex)	0.135	0.0200	"	0.160		84.4	40-140				
2,4-D	0.122	0.0200	"	0.160		76.2	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.544*		*"*	*0.500*		*109*	*30-150*				
Matrix Spike (BA80719-MS1)	*Source sample: 18A0454-09 (SB101A_7-8)							Prepared & Analyzed: 01/19/2018			
2,4,5-T	0.134	0.0208	mg/kg dry	0.166	ND	80.6	30-150				
2,4,5-TP (Silvex)	0.135	0.0208	"	0.166	ND	81.3	30-150				
2,4-D	0.128	0.0208	"	0.166	ND	76.9	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.549*		*"*	*0.519*		*106*	*30-150*				
Matrix Spike Dup (BA80719-MSD1)	*Source sample: 18A0454-09 (SB101A_7-8)							Prepared & Analyzed: 01/19/2018			
2,4,5-T	0.133	0.0206	mg/kg dry	0.165	ND	80.6	30-150		0.775	35	
2,4,5-TP (Silvex)	0.134	0.0206	"	0.165	ND	81.2	30-150		0.775	35	
2,4-D	0.123	0.0206	"	0.165	ND	74.4	30-150		4.08	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.554*		*"*	*0.515*		*108*	*30-150*				
Batch BA81026 - EPA 3550B/8151A											
Blank (BA81026-BLK1)								Prepared & Analyzed: 01/26/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.660*		*"*	*0.500*		*132*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81026 - EPA 3550B/8151A											
LCS (BA81026-BS1)									Prepared & Analyzed: 01/26/2018		
2,4,5-T	0.113	0.0200	mg/kg wet	0.160		70.6	40-140				
2,4,5-TP (Silvex)	0.125	0.0200	"	0.160		78.1	40-140				
2,4-D	0.124	0.0200	"	0.160		77.5	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.518*		*"*	*0.500*		*104*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80618 - EPA 3050B											
Blank (BA80618-BLK1)											Prepared: 01/17/2018 Analyzed: 01/18/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	0.781	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	13.0	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	228	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA80618-SRM1)											Prepared: 01/17/2018 Analyzed: 01/18/2018
Aluminum	6560	5.00	mg/kg wet	8090		81.1	49.8-149.6				
Antimony	88.5	0.500	"	99.3		89.1	0.5-207.5				
Arsenic	95.1	1.00	"	100		95.1	80.9-120				
Barium	204	1.00	"	217		94.0	81.6-118.4				
Beryllium	142	0.100	"	147		96.7	81.6-119.1				
Cadmium	78.3	0.300	"	83.7		93.6	81.2-118.9				
Calcium	5550	5.00	"	6010		92.4	80.9-119				
Chromium	97.0	0.500	"	107		90.6	77.5-121.5				
Cobalt	123	0.500	"	123		99.7	82.1-117.9				
Copper	175	0.500	"	166		105	80.7-118.7				
Iron	10800	2.00	"	14600		73.9	45.1-154.8				
Lead	81.5	0.500	"	88.4		92.2	81.2-118.8				
Magnesium	2660	5.00	"	2930		90.8	74.7-125.3				
Manganese	297	0.500	"	311		95.5	80.1-119.9				
Nickel	57.8	0.500	"	49.8		116	80.9-118.9				
Potassium	2370	5.00	"	2620		90.6	69.1-130.9				
Selenium	88.2	1.00	"	87.7		101	76.1-124.3				
Silver	38.1	0.500	"	41.4		92.1	73.7-126.1				
Sodium	334	10.0	"	252		133	69.1-131.4	High Bias			
Thallium	51.3	1.00	"	58.1		88.4	77.6-122.6				
Vanadium	127	1.00	"	140		90.6	76.4-122.9				
Zinc	138	1.50	"	145		94.9	82.1-117.9				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80988 - EPA 3050B											
Blank (BA80988-BLK1)											Prepared & Analyzed: 01/25/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	0.972	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	5.33	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA80988-SRM1)											Prepared & Analyzed: 01/25/2018
Aluminum	6870	5.00	mg/kg wet	8090		84.9	49.8-149.6				
Antimony	160	0.500	"	99.3		162	0.5-207.5				
Arsenic	96.3	1.00	"	100		96.3	80.9-120				
Barium	220	1.00	"	217		101	81.6-118.4				
Beryllium	146	0.100	"	147		99.0	81.6-119.1				
Cadmium	76.8	0.300	"	83.7		91.7	81.2-118.9				
Calcium	5860	5.00	"	6010		97.6	80.9-119				
Chromium	101	0.500	"	107		94.8	77.5-121.5				
Cobalt	126	0.500	"	123		102	82.1-117.9				
Copper	173	0.500	"	166		104	80.7-118.7				
Iron	11900	2.00	"	14600		81.7	45.1-154.8				
Lead	84.1	0.500	"	88.4		95.2	81.2-118.8				
Magnesium	2800	5.00	"	2930		95.6	74.7-125.3				
Manganese	336	0.500	"	311		108	80.1-119.9				
Nickel	53.6	0.500	"	49.8		108	80.9-118.9				
Potassium	2400	5.00	"	2620		91.5	69.1-130.9				
Selenium	77.2	1.00	"	87.7		88.0	76.1-124.3				
Silver	38.6	0.500	"	41.4		93.3	73.7-126.1				
Sodium	226	10.0	"	252		89.9	69.1-131.4				
Thallium	53.7	1.00	"	58.1		92.4	77.6-122.6				
Vanadium	134	1.00	"	140		95.9	76.4-122.9				
Zinc	137	1.50	"	145		94.8	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80617 - EPA 7473 soil											
Blank (BA80617-BLK1)								Prepared & Analyzed: 01/17/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA80617-SRM1)								Prepared & Analyzed: 01/17/2018			
Mercury	13.834		mg/kg	13.8		100	57.1-143.5				
Batch BA80987 - EPA 7473 soil											
Blank (BA80987-BLK1)								Prepared & Analyzed: 01/25/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA80987-SRM1)								Prepared & Analyzed: 01/25/2018			
Mercury	16.487		mg/kg	13.8		119	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80613 - Analysis Preparation Soil											
Blank (BA80613-BLK1)									Prepared & Analyzed: 01/17/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA80613-SRM1)									Prepared & Analyzed: 01/17/2018		
Cyanide, total	24.6		ug/mL	62.8		39.1	22.5-110				
Batch BA80671 - EPA SW846-3060											
Blank (BA80671-BLK1)									Prepared & Analyzed: 01/18/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA80671-DUP1)	*Source sample: 18A0454-07 (SB106A_0-2)								Prepared & Analyzed: 01/18/2018		
Chromium, Hexavalent	ND	0.554	mg/kg dry		ND					35	
Matrix Spike (BA80671-MS1)	*Source sample: 18A0454-07 (SB106A_0-2)								Prepared & Analyzed: 01/18/2018		
Chromium, Hexavalent	19.9	0.554	mg/kg dry	22.2	ND	90.0	75-125				
Reference (BA80671-SRM1)									Prepared & Analyzed: 01/18/2018		
Chromium, Hexavalent	189		mg/L	207		91.3	25.6-116.9				
Batch BA80981 - Analysis Preparation Soil											
Blank (BA80981-BLK1)									Prepared & Analyzed: 01/25/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA80981-SRM1)									Prepared & Analyzed: 01/25/2018		
Cyanide, total	39.5		ug/mL	62.8		62.9	22.5-110				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80996 - EPA SW846-3060											
Blank (BA80996-BLK1)									Prepared & Analyzed: 01/25/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA80996-SRM1)									Prepared & Analyzed: 01/25/2018		
Chromium, Hexavalent	89.2		mg/L	207		43.1	25.6-116.9				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0454-07	SB106A_0-2	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
18A0454-08	SB106A_2-3	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
18A0454-09	SB101A_7-8	40mL Vial with Stir Bar-Cool 4° C
18A0454-10	SB101A_17-19	40mL Vial with Stir Bar-Cool 4° C
18A0454-11	SB112_0-2	40mL Vial with Stir Bar-Cool 4° C
18A0454-13	SB112_14-15	40mL Vial with Stir Bar-Cool 4° C
18A0454-14	DUP02_011618	40mL Vial with Stir Bar-Cool 4° C
18A0454-15	DUP03_011618	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: The duplicate sample IDs were revised following receipt from DUP01 and DUP02 to DUP02 and DUP03, respectively by client request.

Revision Description: This report has been revised to include additional samples.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0454

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LANGAN ENG	Company: "	Company: "	170384501	RUSH - Same Day	Summary Report
Address: 360 W 31ST ST 8FL NEW YORK, NY 10001	Address:	Address:	Purchase Order No.	RUSH - Next Day	Summary w/ QA (specify)
Phone No: (212) 479-5400	Phone No:	Phone No:		RUSH - Two Day	CT RCP Package
Contact Person: KIM DELLOLIO	Attention:	Attention:		RUSH - Three Day	CTRCP DQA/DUE Pkg
E-Mail Address: KDELLOLIO@LANGAN.COM	E-Mail Address: SKNOOP@LANGAN.COM	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package X
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel
					NYSDEC EQuIS
					EQuIS (std) X
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet

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

Samples Collected/Authorized By (Signature)

Taylor Morgan

Name (printed)

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082 PCB	RCRA 8	EPH GRO	Pri Poll.	Corrosivity
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Metals	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT 15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Metals	Hexavalents
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Inorg.	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pest/PCB	BTU/lb
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Herb	Aquatic Tox.
Halog only	NJDEP list	App. IX	Chlordane	Info. Metals	Air TICs	NYCDEP Semi-Vol	TOC
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	DOT Metals	Methane	NYSDEC Semi-Vol	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Matrix Codes: S - soil; Other - specify (oil, etc.); WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB120_0-0.2	01/16/18 1140	S	PCBs	1 4oz
SB120_2-3	01/16/18 1145	S	PCBs - HOLD	1 4oz
SB121_0-0.2	01/16/18 1135	S	PCBs	1 4oz
SB121_2-3	01/16/18 1140	S	PCBs - HOLD	1 4oz
SB122_0-0.2	01/16/18 1120	S	PCBs	1 4oz
SB122_2-3	01/16/18 1125	S	PCBs - HOLD	1 4oz
SB106A_0-2	01/16/18 1040	S	TCL +30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB106A_2-3	01/16/18 1050	S	TCL +30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB101A_7-8	01/16/18 0725	S	TCL +30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB101A_17-19	01/16/18 0740	S	TCL +30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz

Comments

Preservation Check those Applicable: Special Instructions; Field Filtered; Lab to Filter

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	01/16/18 1300		1/16/18 1900
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt: 5.4 °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18I0454

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LANGAN ENG	Company: "	Company: "	170324501	RUSH - Same Day	Summary Report
Address: 360 W 31ST ST 8FL NEW YORK, NY 10001	Address:	Address:	Purchase Order No.	RUSH - Next Day	Summary w/ QA Summary
Phone No: (212) 479-5400	Phone No:	Phone No:		RUSH - Two Day	CT RCP Package
Contact Person: KIM DEL COL	Attention:	Attention:		RUSH - Three Day	CT RCP DQA/DUE Pkg
E-Mail Address: KDELCOL@LANGAN.COM	E-Mail Address: SNOOP@LANGAN.COM	E-Mail Address:	Samples from: CT NY X NJ	RUSH - Four Day	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package X
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel
					NYSDEC EQuIS
					EQuIS (std) X
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes	
S - soil	
Other - specify	
WW - wastewater	
GW - groundwater	
DW - drinking water	
Air-A - ambient air	
Air-SV - soil vapor	

Volatiles		Semi-Volatiles	Pest/Cl/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082/PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Metals	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Volatiles	Hexavalents
TAGM list	TCLP list	CT RCP list	SPLP or ICLP	Total	Air TO15	Part 360 Metals	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Pesticides	BTU/Ft
Aromatics only	502.2	NJDEP list	TCLP Herb	SPLP or ICLP	Air VPH	Part 360 Herbicides	Aquatic Tox.
Halogens only	NJDEP list	App. IX	Chlordane	Trade Metals	Air TICs	NYSDEC Pesticides	TOC
App IX list	SPLP or TCLP	TCLP BNA	608 Pest	TAL Hydrides	Methane	NYSDEC Herbicides	Asbestos
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB112 - 0-2	01/16/18 1155	S	TCL+30 VOCs, +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB112 - 7-8	01/16/18 1200	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} HOLD	4 40mL, 2 8oz
SB112 - 14-15	01/16/18 1210	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} HOLD	4 40mL, 2 8oz
~~DUP02~~ DUP01 011618	01/16/18 12:34	S	TCL+30 VOCs +SVOCs PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
~~DUP02~~ - 011618	01/16/18 12:34	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
DUP03				

* 1/17/18

Comments

* Duplicate IDs corrected per Kim Del Col REQUEST on 1/17/18 (L. 90221a)

Preservation Check those Applicable	4°C	Frozen	HCl	MeOH	HNO$_3$	H$_2$SO$_4$	NaOH
	X		ZnAc	Ascorbic Acid	Other		

Special Instructions
Field Filtered
Lab to Filter

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	01/16/18 1300		1/16/18 1900
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 5.9 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/29/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0509

Report Date: 01/29/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0509

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 17, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0509-01	SB112_22-24	Soil	01/17/2018	01/17/2018
18A0509-02	SB112_26-28	Soil	01/17/2018	01/17/2018
18A0509-03	SB102A_0-2	Soil	01/17/2018	01/17/2018
18A0509-04	SB102B_5-7	Soil	01/17/2018	01/17/2018
18A0509-05	SB102A_10-11	Soil	01/17/2018	01/17/2018

General Notes for York Project (SDG) No.: 18A0509

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

Approved By:

Date: 01/29/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.020**		mg/kg dry	0.0045	0.0090	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0082**	J	mg/kg dry	0.0045	0.0090	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/22/2018 07:30	01/22/2018 12:40	SR
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*74.3 %*	*23-114*

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*81.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.8 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*86.8 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*61.7 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/18/2018 14:31	01/19/2018 17:16	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00874	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0885	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:12	LAB
							Certifications:			

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0212	1	EPA 8151A	01/23/2018 04:25	01/23/2018 14:55	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	01/23/2018 04:25	01/23/2018 14:55	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	01/23/2018 04:25	01/23/2018 14:55	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*126 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15300**		mg/kg dry	5.30	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.09**		mg/kg dry	0.530	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.94**		mg/kg dry	1.06	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**163**		mg/kg dry	1.06	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.106	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.609**		mg/kg dry	0.318	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5440**		mg/kg dry	5.30	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**5.30**		mg/kg dry	0.530	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/kg dry	0.530	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**7.34**		mg/kg dry	0.530	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**28100**		mg/kg dry	2.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**3.64**		mg/kg dry	0.530	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**9370**		mg/kg dry	5.30	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**395**		mg/kg dry	0.530	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**4.04**		mg/kg dry	0.530	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**5450**		mg/kg dry	5.30	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.06	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.530	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**20.1**		mg/kg dry	10.6	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.06	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**10.4**		mg/kg dry	1.06	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**41.5**		mg/kg dry	1.59	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:29	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0318	1	EPA 7473	01/18/2018 09:54	01/18/2018 13:34	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.4**		%	0.100	1	SM 2540G	01/22/2018 11:41	01/22/2018 16:24	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB112_22-24 **York Sample ID:** 18A0509-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 12:20 pm	01/17/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.530	1	EPA 7196A	01/22/2018 10:25	01/22/2018 17:05	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**5.30**		mg/kg	0.500	1	Calculation	01/23/2018 15:10	01/23/2018 15:15	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.530	1	EPA 9014/9010C	01/19/2018 09:33	01/19/2018 17:33	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.011**		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.7 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/19/2018 07:30	01/19/2018 15:39	SR
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	01/18/2018 14:31	01/19/2018 18:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*68.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*73.8 %*	*23-114*

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*85.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*72.1 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*84.2 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*65.0 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/18/2018 14:31	01/19/2018 18:49	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/18/2018 14:34	01/19/2018 20:19	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0359	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH	01/18/2018 14:34	01/19/2018 20:19	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/18/2018 14:34	01/19/2018 20:19	SA

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:19	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00898	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0909	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:19	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	01/18/2018 14:34	01/19/2018 10:36	LAB
							Certifications:			

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0215	1	EPA 8151A	01/23/2018 04:25	01/23/2018 15:07	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0215	1	EPA 8151A	01/23/2018 04:25	01/23/2018 15:07	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0215	1	EPA 8151A	01/23/2018 04:25	01/23/2018 15:07	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*126 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4600**		mg/kg dry	5.44	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.544	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**35.9**		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.326	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1450**		mg/kg dry	5.44	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**7.16**		mg/kg dry	0.544	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/kg dry	0.544	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**12.0**		mg/kg dry	0.544	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**9940**		mg/kg dry	2.18	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**5.30**		mg/kg dry	0.544	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3470**		mg/kg dry	5.44	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**274**		mg/kg dry	0.544	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**27.0**		mg/kg dry	0.544	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**927**		mg/kg dry	5.44	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.544	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	10.9	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**2.44**		mg/kg dry	1.09	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**18.7**		mg/kg dry	1.63	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0326	1	EPA 7473	01/18/2018 09:54	01/18/2018 13:42	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	1	SM 2540G	01/22/2018 11:41	01/22/2018 16:24	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB112_26-28 **York Sample ID:** 18A0509-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 1:15 pm	01/17/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.544	1	EPA 7196A	01/22/2018 10:25	01/22/2018 17:05	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**7.16**		mg/kg	0.500	1	Calculation	01/23/2018 15:10	01/23/2018 15:15	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	01/19/2018 09:33	01/19/2018 17:33	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB102A_0-2** **York Sample ID:** **18A0509-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.093	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.031**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	**2-Hexanone**	**0.0050**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	**4-Methyl-2-pentanone**	**0.0058**	CCV-E	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.14**		mg/kg dry	0.0047	0.0093	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.017**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0092**	J	mg/kg dry	0.0047	0.0093	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**0.011**	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:08	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*		*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*121 %*	S-09	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*166 %*	S-09	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**di-tert-butly disulfide isomer**	**12**		ug/kg dry			1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:			
NA	**trimethy Decane isomer**	**19**		ug/kg dry			1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0589**	J	mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.0522**	J	mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0529**	J	mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.198**		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0567**	J	mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.103**		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.109**		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.127**		mg/kg dry	0.0467	0.0933	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: 2-Fluorophenol*	*38.1 %*			*20-108*						
4165-62-2	*Surrogate: Phenol-d5*	*67.5 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*79.9 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.1 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*36.5 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*55.5 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/18/2018 14:31	01/19/2018 19:19	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00923	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0934	5	EPA 8081B	01/18/2018 14:34	01/19/2018 20:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	01/18/2018 14:34	01/19/2018 11:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	01/18/2018 14:34	01/19/2018 11:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	01/18/2018 14:34	01/19/2018 11:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	01/18/2018 14:34	01/19/2018 11:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	01/18/2018 14:34	01/19/2018 11:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	01/18/2018 14:34	01/19/2018 11:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	01/18/2018 14:34	01/19/2018 11:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	01/18/2018 14:34	01/19/2018 11:00	LAB
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*74.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0224	1	EPA 8151A	01/23/2018 04:25	01/23/2018 15:20	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	01/23/2018 04:25	01/23/2018 15:20	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0224	1	EPA 8151A	01/23/2018 04:25	01/23/2018 15:20	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (*	*144 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5490**		mg/kg dry	5.59	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**6.69**		mg/kg dry	0.559	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.53**		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**237**		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.32**		mg/kg dry	0.335	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**59600**		mg/kg dry	5.59	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.4**		mg/kg dry	0.559	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/kg dry	0.559	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**73.2**		mg/kg dry	0.559	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**23300**		mg/kg dry	2.24	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**343**		mg/kg dry	0.559	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**11200**		mg/kg dry	5.59	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**243**		mg/kg dry	0.559	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/kg dry	0.559	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**672**		mg/kg dry	5.59	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.13**		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.559	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**309**		mg/kg dry	11.2	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**588**		mg/kg dry	1.68	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:40	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.105**		mg/kg dry	0.0335	1	EPA 7473	01/18/2018 09:54	01/18/2018 13:51	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	01/22/2018 11:41	01/22/2018 16:24	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB102A_0-2 **York Sample ID:** 18A0509-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:35 am	01/17/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	01/22/2018 10:25	01/22/2018 17:05	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.4**		mg/kg	0.500	1	Calculation	01/23/2018 15:10	01/23/2018 15:15	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	1	EPA 9014/9010C	01/19/2018 09:33	01/19/2018 17:33	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.080	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.0033**	J	mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0057**	J	mg/kg dry	0.0040	0.0080	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/19/2018 07:30	01/19/2018 16:40	SR
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0510**	J	mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.387	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.114**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.387	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.456**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.435**	CCV-E	mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.350**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.260**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.330**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0681**	J	mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.418**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0742**	J	mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.910**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.0487**	J	mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.271**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.688**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.05**		mg/kg dry	0.0485	0.0967	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.194	0.387	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:21	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*62.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*72.9 %*	*23-114*

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*78.6 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.7 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*83.8 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*66.5 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/24/2018 12:40	01/25/2018 14:21	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
72-55-9	**4,4'-DDE**	**0.00338**		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
50-29-3	**4,4'-DDT**	**0.0240**		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/24/2018 12:34	01/25/2018 18:10	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0384	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH	01/24/2018 12:34	01/25/2018 18:10	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 18:10	SA

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/24/2018 12:34	01/25/2018 18:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	**Endrin aldehyde**	**0.377**		mg/kg dry	0.00192	5	EPA 8081B	01/24/2018 12:34	01/25/2018 18:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	01/24/2018 12:34	01/25/2018 18:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	01/24/2018 12:34	01/25/2018 18:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	01/24/2018 12:34	01/25/2018 18:10	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	01/24/2018 12:34	01/25/2018 18:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	01/24/2018 12:34	01/25/2018 18:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00960	5	EPA 8081B	01/24/2018 12:34	01/25/2018 18:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0972	5	EPA 8081B	01/24/2018 12:34	01/25/2018 18:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.2 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*21.3 %*	GC-SC u	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:55	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	01/24/2018 12:34	01/25/2018 12:55	LAB
							Certifications:			

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0228	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:44	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0228	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:44	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0228	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:44	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*124 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6470**		mg/kg dry	5.82	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.950**		mg/kg dry	0.582	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.70**		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**186**		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.116	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.547**		mg/kg dry	0.349	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**6950**		mg/kg dry	5.82	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**8.47**		mg/kg dry	0.582	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/kg dry	0.582	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**24.1**		mg/kg dry	0.582	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**12000**		mg/kg dry	2.33	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**379**		mg/kg dry	0.582	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2660**		mg/kg dry	5.82	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**320**		mg/kg dry	0.582	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**11.2**		mg/kg dry	0.582	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**810**		mg/kg dry	5.82	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.582	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	11.6	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**6.33**		mg/kg dry	1.16	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**156**		mg/kg dry	1.75	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.249**		mg/kg dry	0.0349	1	EPA 7473	01/18/2018 09:54	01/18/2018 14:00	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.9**		%	0.100	1	SM 2540G	01/26/2018 10:01	01/26/2018 12:42	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB102B_5-7 **York Sample ID:** 18A0509-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:45 am	01/17/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.582	1	EPA 7196A	01/24/2018 10:19	01/24/2018 15:54	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**8.47**		mg/kg	0.500	1	Calculation	01/29/2018 15:39	01/29/2018 15:44	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.582	1	EPA 9014/9010C	01/25/2018 08:14	01/25/2018 16:09	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB102A_10-11** **York Sample ID:** **18A0509-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.037	0.074	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.017**		mg/kg dry	0.0037	0.0074	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0094**		mg/kg dry	0.0037	0.0074	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/19/2018 07:30	01/19/2018 17:11	SR
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.105**		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.105**	CCV-E	mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.0927**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0711**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0853**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0546**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0860**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.180**		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0606**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0905**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.195**		mg/kg dry	0.0469	0.0936	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	01/24/2018 12:40	01/25/2018 14:52	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*70.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*79.2 %*	*23-114*

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*83.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*72.1 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*90.9 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*70.9 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/24/2018 12:40	01/25/2018 14:52	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
50-29-3	**4,4'-DDT**	**0.0195**		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/24/2018 12:34	01/25/2018 11:40	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
60-57-1	**Dieldrin**	**0.00722**		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH	01/24/2018 12:34	01/25/2018 11:40	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 11:40	SA

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:40	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00926	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0937	5	EPA 8081B	01/24/2018 12:34	01/25/2018 11:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*111 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A	01/24/2018 12:34	01/25/2018 13:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	01/24/2018 12:34	01/25/2018 13:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	01/24/2018 12:34	01/25/2018 13:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	01/24/2018 12:34	01/25/2018 13:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	01/24/2018 12:34	01/25/2018 13:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	**Aroclor 1254**	**0.181**		mg/kg dry	0.0187	1	EPA 8082A	01/24/2018 12:34	01/25/2018 13:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	01/24/2018 12:34	01/25/2018 13:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	*** Total PCBs**	**0.181**		mg/kg dry	0.0187	1	EPA 8082A	01/24/2018 12:34	01/25/2018 13:19	LAB
							Certifications:			

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:57	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:57	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	01/26/2018 04:12	01/26/2018 17:57	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*116 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10100**		mg/kg dry	5.61	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.981**		mg/kg dry	0.561	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.79**		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**197**		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.744**		mg/kg dry	0.337	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**8580**		mg/kg dry	5.61	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.1**		mg/kg dry	0.561	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/kg dry	0.561	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**70.6**		mg/kg dry	0.561	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**19100**		mg/kg dry	2.24	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**459**		mg/kg dry	0.561	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7210**		mg/kg dry	5.61	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**618**		mg/kg dry	0.561	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**9.93**		mg/kg dry	0.561	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2790**		mg/kg dry	5.61	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.561	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**84.8**		mg/kg dry	11.2	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**13.9**		mg/kg dry	1.12	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**263**		mg/kg dry	1.68	1	EPA 6010C	01/18/2018 10:07	01/21/2018 19:52	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0968**		mg/kg dry	0.0337	1	EPA 7473	01/18/2018 09:54	01/18/2018 14:09	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	1	SM 2540G	01/26/2018 10:01	01/26/2018 12:42	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB102A_10-11 **York Sample ID:** 18A0509-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0509	170384501	Soil	January 17, 2018 9:40 am	01/17/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.561	1	EPA 7196A	01/24/2018 10:19	01/24/2018 15:54	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**15.1**		mg/kg	0.500	1	Calculation	01/29/2018 15:39	01/29/2018 15:44	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.561	1	EPA 9014/9010C	01/25/2018 08:14	01/25/2018 16:09	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BA80677 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/18/18
18A0509-02	SB112_26-28	01/18/18
18A0509-03	SB102A_0-2	01/18/18
18A0509-04	SB102B_5-7	01/18/18
18A0509-05	SB102A_10-11	01/18/18
BA80677-BLK1	Blank	01/18/18
BA80677-SRM1	Reference	01/18/18

Batch ID: BA80681 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/18/18
18A0509-02	SB112_26-28	01/18/18
18A0509-03	SB102A_0-2	01/18/18
18A0509-04	SB102B_5-7	01/18/18
18A0509-05	SB102A_10-11	01/18/18
BA80681-BLK1	Blank	01/18/18
BA80681-SRM1	Reference	01/18/18

Batch ID: BA80693 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/18/18
18A0509-01	SB112_22-24	01/18/18
18A0509-02	SB112_26-28	01/18/18
18A0509-02	SB112_26-28	01/18/18
18A0509-03	SB102A_0-2	01/18/18
18A0509-03	SB102A_0-2	01/18/18
BA80693-BLK1	Blank	01/18/18
BA80693-BLK2	Blank	01/18/18
BA80693-BS1	LCS	01/18/18
BA80693-BS2	LCS	01/18/18
BA80693-MS1	Matrix Spike	01/18/18
BA80693-MSD1	Matrix Spike Dup	01/18/18

Batch ID: BA80694 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/18/18
18A0509-01	SB112_22-24	01/18/18
18A0509-02	SB112_26-28	01/18/18
18A0509-02	SB112_26-28	01/18/18
18A0509-03	SB102A_0-2	01/18/18
18A0509-03	SB102A_0-2	01/18/18

BA80694-BLK1	Blank	01/18/18
BA80694-BLK1	Blank	01/18/18
BA80694-BS1	LCS	01/18/18
BA80694-MS1	Matrix Spike	01/18/18
BA80694-MSD1	Matrix Spike Dup	01/18/18

Batch ID: BA80727 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-02	SB112_26-28	01/19/18
18A0509-03	SB102A_0-2	01/19/18
18A0509-04	SB102B_5-7	01/19/18
18A0509-05	SB102A_10-11	01/19/18
BA80727-BLK1	Blank	01/19/18
BA80727-BS1	LCS	01/19/18
BA80727-BSD1	LCS Dup	01/19/18

Batch ID: BA80733 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/19/18
18A0509-02	SB112_26-28	01/19/18
18A0509-03	SB102A_0-2	01/19/18
BA80733-BLK1	Blank	01/19/18
BA80733-SRM1	Reference	01/19/18

Batch ID: BA80796 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/22/18
BA80796-BLK1	Blank	01/22/18
BA80796-BLK2	Blank	01/22/18
BA80796-BS1	LCS	01/22/18
BA80796-BSD1	LCS Dup	01/22/18

Batch ID: BA80813 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/22/18
18A0509-02	SB112_26-28	01/22/18
18A0509-03	SB102A_0-2	01/22/18
BA80813-BLK1	Blank	01/22/18
BA80813-DUP1	Duplicate	01/22/18
BA80813-MS1	Matrix Spike	01/22/18
BA80813-SRM1	Reference	01/22/18

Batch ID: BA80824 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/22/18
18A0509-02	SB112_26-28	01/22/18
18A0509-03	SB102A_0-2	01/22/18
BA80824-DUP1	Duplicate	01/22/18

Batch ID: BA80849 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/23/18
18A0509-02	SB112_26-28	01/23/18
18A0509-03	SB102A_0-2	01/23/18
BA80849-BLK1	Blank	01/23/18
BA80849-BS1	LCS	01/23/18

Batch ID: BA80894 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-01	SB112_22-24	01/23/18
18A0509-02	SB112_26-28	01/23/18
18A0509-03	SB102A_0-2	01/23/18

Batch ID: BA80930 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-04	SB102B_5-7	01/24/18
18A0509-05	SB102A_10-11	01/24/18
BA80930-BLK1	Blank	01/24/18
BA80930-SRM1	Reference	01/24/18

Batch ID: BA80942 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-04	SB102B_5-7	01/24/18
18A0509-04	SB102B_5-7	01/24/18
18A0509-05	SB102A_10-11	01/24/18
18A0509-05	SB102A_10-11	01/24/18
BA80942-BLK1	Blank	01/24/18
BA80942-BLK1	Blank	01/24/18
BA80942-BS1	LCS	01/24/18

Batch ID: BA80943 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-04	SB102B_5-7	01/24/18
18A0509-04	SB102B_5-7	01/24/18
18A0509-05	SB102A_10-11	01/24/18

18A0509-05	SB102A_10-11	01/24/18
BA80943-BLK1	Blank	01/24/18
BA80943-BLK2	Blank	01/24/18
BA80943-BS1	LCS	01/24/18
BA80943-BS2	LCS	01/24/18

Batch ID: BA80981 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-04	SB102B_5-7	01/25/18
18A0509-05	SB102A_10-11	01/25/18
BA80981-BLK1	Blank	01/25/18
BA80981-SRM1	Reference	01/25/18

Batch ID: BA81026 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-04	SB102B_5-7	01/26/18
18A0509-05	SB102A_10-11	01/26/18
BA81026-BLK1	Blank	01/26/18
BA81026-BS1	LCS	01/26/18

Batch ID: BA81049 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-04	SB102B_5-7	01/26/18
18A0509-05	SB102A_10-11	01/26/18

Batch ID: BA81149 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0509-04	SB102B_5-7	01/29/18
18A0509-05	SB102A_10-11	01/29/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80727 - EPA 5035A											
Blank (BA80727-BLK1)											Prepared & Analyzed: 01/19/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0030	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

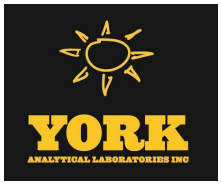
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80727 - EPA 5035A											
Blank (BA80727-BLK1)								Prepared & Analyzed: 01/19/2018			
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*47.3*		*ug/L*	*50.0*		*94.7*	*77-125*				
Surrogate: Toluene-d8	*54.3*		*"*	*50.0*		*109*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.8*	*76-130*				
LCS (BA80727-BS1)								Prepared & Analyzed: 01/19/2018			
1,1,1,2-Tetrachloroethane	50.3		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	50.7		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	57.4		"	50.0		115	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.0		"	50.0		118	58-146				
1,1,2-Trichloroethane	50.8		"	50.0		102	83-123				
1,1-Dichloroethane	50.7		"	50.0		101	75-130				
1,1-Dichloroethylene	50.1		"	50.0		100	64-137				
1,2,3-Trichlorobenzene	52.2		"	50.0		104	81-140				
1,2,3-Trichloropropane	52.7		"	50.0		105	81-126				
1,2,4-Trichlorobenzene	55.5		"	50.0		111	80-141				
1,2,4-Trimethylbenzene	53.5		"	50.0		107	84-125				
1,2-Dibromo-3-chloropropane	49.1		"	50.0		98.3	74-142				
1,2-Dibromoethane	49.8		"	50.0		99.7	86-123				
1,2-Dichlorobenzene	53.0		"	50.0		106	85-122				
1,2-Dichloroethane	48.1		"	50.0		96.2	71-133				
1,2-Dichloropropane	48.4		"	50.0		96.9	81-122				
1,3,5-Trimethylbenzene	52.4		"	50.0		105	82-126				
1,3-Dichlorobenzene	53.5		"	50.0		107	84-124				
1,4-Dichlorobenzene	52.0		"	50.0		104	84-124				
1,4-Dioxane	1240		"	1050		118	10-228				
2-Butanone	46.3		"	50.0		92.6	58-147				
2-Hexanone	45.8		"	50.0		91.6	70-139				
4-Methyl-2-pentanone	21.3		"	50.0		42.6	72-132	Low Bias			
Acetone	45.8		"	50.0		91.7	36-155				
Acrolein	12.2		"	50.0		24.5	10-238				
Acrylonitrile	50.2		"	50.0		100	66-141				
Benzene	48.8		"	50.0		97.7	77-127				
Bromochloromethane	46.3		"	50.0		92.6	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80727 - EPA 5035A											
LCS (BA80727-BS1)								Prepared & Analyzed: 01/19/2018			
Bromodichloromethane	49.1		ug/L	50.0		98.2	81-124				
Bromoform	47.8		"	50.0		95.5	80-136				
Bromomethane	63.1		"	50.0		126	32-177				
Carbon disulfide	58.2		"	50.0		116	10-136				
Carbon tetrachloride	53.8		"	50.0		108	66-143				
Chlorobenzene	50.8		"	50.0		102	86-120				
Chloroethane	58.4		"	50.0		117	51-142				
Chloroform	48.8		"	50.0		97.5	76-131				
Chloromethane	60.3		"	50.0		121	49-132				
cis-1,2-Dichloroethylene	51.0		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	50.4		"	50.0		101	81-129				
Cyclohexane	53.8		"	50.0		108	70-130				
Dibromochloromethane	49.7		"	50.0		99.4	10-200				
Dibromomethane	50.2		"	50.0		100	83-124				
Dichlorodifluoromethane	107		"	50.0		215	28-158	High Bias			
Ethyl Benzene	50.5		"	50.0		101	84-125				
Hexachlorobutadiene	52.4		"	50.0		105	83-133				
Isopropylbenzene	54.3		"	50.0		109	81-127				
Methyl acetate	41.7		"	50.0		83.3	41-143				
Methyl tert-butyl ether (MTBE)	51.9		"	50.0		104	74-131				
Methylcyclohexane	53.1		"	50.0		106	70-130				
Methylene chloride	47.7		"	50.0		95.3	57-141				
n-Butylbenzene	56.5		"	50.0		113	80-130				
n-Propylbenzene	54.0		"	50.0		108	74-136				
o-Xylene	53.0		"	50.0		106	83-123				
p- & m- Xylenes	101		"	100		101	82-128				
p-Isopropyltoluene	54.4		"	50.0		109	85-125				
sec-Butylbenzene	55.6		"	50.0		111	83-125				
Styrene	48.0		"	50.0		96.0	86-126				
tert-Butyl alcohol (TBA)	58.4		"	250		23.4	70-130	Low Bias			
tert-Butylbenzene	49.9		"	50.0		99.8	80-127				
Tetrachloroethylene	46.2		"	50.0		92.4	80-129				
Toluene	51.4		"	50.0		103	85-121				
trans-1,2-Dichloroethylene	48.9		"	50.0		97.7	72-132				
trans-1,3-Dichloropropylene	49.0		"	50.0		97.9	78-132				
Trichloroethylene	53.1		"	50.0		106	84-123				
Trichlorofluoromethane	65.1		"	50.0		130	62-140				
Vinyl Chloride	63.1		"	50.0		126	52-130				
Surrogate: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.6*	*77-125*				
Surrogate: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80727 - EPA 5035A											
LCS Dup (BA80727-BSD1)								Prepared & Analyzed: 01/19/2018			
1,1,1,2-Tetrachloroethane	52.3		ug/L	50.0		105	75-129		3.88	30	
1,1,1-Trichloroethane	51.6		"	50.0		103	71-137		1.72	30	
1,1,2,2-Tetrachloroethane	59.3		"	50.0		119	79-129		3.34	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61.1		"	50.0		122	58-146		3.40	30	
1,1,2-Trichloroethane	52.0		"	50.0		104	83-123		2.26	30	
1,1-Dichloroethane	53.4		"	50.0		107	75-130		5.30	30	
1,1-Dichloroethylene	52.0		"	50.0		104	64-137		3.70	30	
1,2,3-Trichlorobenzene	54.6		"	50.0		109	81-140		4.40	30	
1,2,3-Trichloropropane	53.8		"	50.0		108	81-126		2.07	30	
1,2,4-Trichlorobenzene	57.5		"	50.0		115	80-141		3.59	30	
1,2,4-Trimethylbenzene	55.8		"	50.0		112	84-125		4.23	30	
1,2-Dibromo-3-chloropropane	58.9		"	50.0		118	74-142		18.1	30	
1,2-Dibromoethane	51.4		"	50.0		103	86-123		3.14	30	
1,2-Dichlorobenzene	55.4		"	50.0		111	85-122		4.59	30	
1,2-Dichloroethane	50.5		"	50.0		101	71-133		4.81	30	
1,2-Dichloropropane	50.6		"	50.0		101	81-122		4.34	30	
1,3,5-Trimethylbenzene	54.5		"	50.0		109	82-126		4.01	30	
1,3-Dichlorobenzene	54.7		"	50.0		109	84-124		2.11	30	
1,4-Dichlorobenzene	55.2		"	50.0		110	84-124		5.99	30	
1,4-Dioxane	1190		"	1050		113	10-228		3.81	30	
2-Butanone	46.6		"	50.0		93.1	58-147		0.582	30	
2-Hexanone	46.9		"	50.0		93.8	70-139		2.39	30	
4-Methyl-2-pentanone	21.4		"	50.0		42.8	72-132	Low Bias	0.656	30	
Acetone	46.0		"	50.0		92.1	36-155		0.457	30	
Acrolein	14.4		"	50.0		28.8	10-238		16.4	30	
Acrylonitrile	52.1		"	50.0		104	66-141		3.74	30	
Benzene	52.5		"	50.0		105	77-127		7.26	30	
Bromochloromethane	47.8		"	50.0		95.5	74-129		3.10	30	
Bromodichloromethane	49.9		"	50.0		99.8	81-124		1.60	30	
Bromoform	50.6		"	50.0		101	80-136		5.69	30	
Bromomethane	68.0		"	50.0		136	32-177		7.53	30	
Carbon disulfide	60.2		"	50.0		120	10-136		3.24	30	
Carbon tetrachloride	54.0		"	50.0		108	66-143		0.371	30	
Chlorobenzene	51.4		"	50.0		103	86-120		1.35	30	
Chloroethane	60.3		"	50.0		121	51-142		3.14	30	
Chloroform	51.6		"	50.0		103	76-131		5.58	30	
Chloromethane	61.6		"	50.0		123	49-132		2.28	30	
cis-1,2-Dichloroethylene	52.4		"	50.0		105	74-132		2.88	30	
cis-1,3-Dichloropropylene	50.8		"	50.0		102	81-129		0.732	30	
Cyclohexane	53.8		"	50.0		108	70-130		0.149	30	
Dibromochloromethane	49.7		"	50.0		99.3	10-200		0.0805	30	
Dibromomethane	49.5		"	50.0		99.1	83-124		1.34	30	
Dichlorodifluoromethane	111		"	50.0		221	28-158	High Bias	2.83	30	
Ethyl Benzene	51.1		"	50.0		102	84-125		1.18	30	
Hexachlorobutadiene	56.2		"	50.0		112	83-133		6.85	30	
Isopropylbenzene	54.9		"	50.0		110	81-127		1.17	30	
Methyl acetate	43.4		"	50.0		86.7	41-143		3.98	30	
Methyl tert-butyl ether (MTBE)	54.3		"	50.0		109	74-131		4.56	30	
Methylcyclohexane	53.9		"	50.0		108	70-130		1.38	30	
Methylene chloride	49.6		"	50.0		99.2	57-141		3.95	30	
n-Butylbenzene	58.6		"	50.0		117	80-130		3.63	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80727 - EPA 5035A											
LCS Dup (BA80727-BSD1)								Prepared & Analyzed: 01/19/2018			
n-Propylbenzene	54.4		ug/L	50.0		109	74-136		0.774	30	
o-Xylene	53.3		"	50.0		107	83-123		0.564	30	
p- & m- Xylenes	102		"	100		102	82-128		0.877	30	
p-Isopropyltoluene	55.6		"	50.0		111	85-125		2.13	30	
sec-Butylbenzene	57.8		"	50.0		116	83-125		3.83	30	
Styrene	48.6		"	50.0		97.2	86-126		1.28	30	
tert-Butyl alcohol (TBA)	60.2		"	250		24.1	70-130	Low Bias	3.00	30	
tert-Butylbenzene	46.7		"	50.0		93.5	80-127		6.56	30	
Tetrachloroethylene	46.4		"	50.0		92.8	80-129		0.453	30	
Toluene	52.0		"	50.0		104	85-121		1.06	30	
trans-1,2-Dichloroethylene	51.4		"	50.0		103	72-132		5.09	30	
trans-1,3-Dichloropropylene	49.3		"	50.0		98.6	78-132		0.753	30	
Trichloroethylene	52.6		"	50.0		105	84-123		0.966	30	
Trichlorofluoromethane	68.4		"	50.0		137	62-140		4.88	30	
Vinyl Chloride	66.3		"	50.0		133	52-130	High Bias	4.95	30	
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				
Batch BA80796 - EPA 5035A											
Blank (BA80796-BLK1)								Prepared & Analyzed: 01/22/2018			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0040	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80796 - EPA 5035A											
Blank (BA80796-BLK1)											
Prepared & Analyzed: 01/22/2018											
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.8*		*"*	*50.0*		*93.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80796 - EPA 5035A											
Blank (BA80796-BLK2)											
Prepared & Analyzed: 01/22/2018											
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

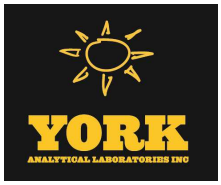
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80796 - EPA 5035A											
Blank (BA80796-BLK2)								Prepared & Analyzed: 01/22/2018			
n-Butylbenzene	ND	0.50	mg/kg wet								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*52.4*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: Toluene-d8	*51.9*		*"*	*50.0*		*104*	*85-120*				
Surrogate: p-Bromofluorobenzene	*43.8*		*"*	*50.0*		*87.7*	*76-130*				
LCS (BA80796-BS1)								Prepared & Analyzed: 01/22/2018			
1,1,1,2-Tetrachloroethane	51.3		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	52.4		"	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	54.2		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.5		"	50.0		121	58-146				
1,1,2-Trichloroethane	51.7		"	50.0		103	83-123				
1,1-Dichloroethane	52.5		"	50.0		105	75-130				
1,1-Dichloroethylene	51.0		"	50.0		102	64-137				
1,2,3-Trichlorobenzene	51.9		"	50.0		104	81-140				
1,2,3-Trichloropropane	52.6		"	50.0		105	81-126				
1,2,4-Trichlorobenzene	54.4		"	50.0		109	80-141				
1,2,4-Trimethylbenzene	51.2		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	49.7		"	50.0		99.5	74-142				
1,2-Dibromoethane	50.5		"	50.0		101	86-123				
1,2-Dichlorobenzene	51.8		"	50.0		104	85-122				
1,2-Dichloroethane	51.1		"	50.0		102	71-133				
1,2-Dichloropropane	47.6		"	50.0		95.2	81-122				
1,3,5-Trimethylbenzene	49.2		"	50.0		98.4	82-126				
1,3-Dichlorobenzene	51.5		"	50.0		103	84-124				
1,4-Dichlorobenzene	50.8		"	50.0		102	84-124				
1,4-Dioxane	1210		"	1050		115	10-228				
2-Butanone	47.8		"	50.0		95.5	58-147				
2-Hexanone	47.3		"	50.0		94.6	70-139				
4-Methyl-2-pentanone	21.8		"	50.0		43.5	72-132	Low Bias			
Acetone	45.3		"	50.0		90.5	36-155				
Acrolein	15.7		"	50.0		31.5	10-238				
Acrylonitrile	50.2		"	50.0		100	66-141				
Benzene	51.0		"	50.0		102	77-127				
Bromochloromethane	48.8		"	50.0		97.7	74-129				
Bromodichloromethane	50.2		"	50.0		100	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80796 - EPA 5035A											
LCS (BA80796-BS1)								Prepared & Analyzed: 01/22/2018			
Bromoform	49.3		ug/L	50.0		98.7	80-136				
Bromomethane	64.6		"	50.0		129	32-177				
Carbon disulfide	60.1		"	50.0		120	10-136				
Carbon tetrachloride	56.7		"	50.0		113	66-143				
Chlorobenzene	49.8		"	50.0		99.7	86-120				
Chloroethane	58.6		"	50.0		117	51-142				
Chloroform	51.6		"	50.0		103	76-131				
Chloromethane	61.4		"	50.0		123	49-132				
cis-1,2-Dichloroethylene	51.2		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	49.0		"	50.0		98.1	81-129				
Cyclohexane	54.0		"	50.0		108	70-130				
Dibromochloromethane	50.4		"	50.0		101	10-200				
Dibromomethane	49.2		"	50.0		98.4	83-124				
Dichlorodifluoromethane	104		"	50.0		207	28-158	High Bias			
Ethyl Benzene	50.3		"	50.0		101	84-125				
Hexachlorobutadiene	50.6		"	50.0		101	83-133				
Isopropylbenzene	50.0		"	50.0		99.9	81-127				
Methyl acetate	44.7		"	50.0		89.5	41-143				
Methyl tert-butyl ether (MTBE)	54.2		"	50.0		108	74-131				
Methylcyclohexane	51.6		"	50.0		103	70-130				
Methylene chloride	49.8		"	50.0		99.6	57-141				
n-Butylbenzene	55.2		"	50.0		110	80-130				
n-Propylbenzene	49.9		"	50.0		99.9	74-136				
o-Xylene	51.4		"	50.0		103	83-123				
p- & m- Xylenes	99.6		"	100		99.6	82-128				
p-Isopropyltoluene	53.2		"	50.0		106	85-125				
sec-Butylbenzene	53.4		"	50.0		107	83-125				
Styrene	48.1		"	50.0		96.1	86-126				
tert-Butyl alcohol (TBA)	61.8		"	250		24.7	70-130	Low Bias			
tert-Butylbenzene	48.2		"	50.0		96.4	80-127				
Tetrachloroethylene	47.0		"	50.0		94.1	80-129				
Toluene	49.6		"	50.0		99.2	85-121				
trans-1,2-Dichloroethylene	51.2		"	50.0		102	72-132				
trans-1,3-Dichloropropylene	50.0		"	50.0		100	78-132				
Trichloroethylene	51.9		"	50.0		104	84-123				
Trichlorofluoromethane	67.3		"	50.0		135	62-140				
Vinyl Chloride	63.8		"	50.0		128	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.3*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

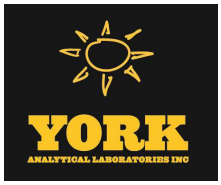
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80796 - EPA 5035A											
LCS Dup (BA80796-BSD1)								Prepared & Analyzed: 01/22/2018			
1,1,1,2-Tetrachloroethane	48.1		ug/L	50.0		96.2	75-129		6.38	30	
1,1,1-Trichloroethane	51.3		"	50.0		103	71-137		2.06	30	
1,1,2,2-Tetrachloroethane	54.8		"	50.0		110	79-129		1.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61.2		"	50.0		122	58-146		1.13	30	
1,1,2-Trichloroethane	50.3		"	50.0		101	83-123		2.77	30	
1,1-Dichloroethane	51.7		"	50.0		103	75-130		1.48	30	
1,1-Dichloroethylene	51.9		"	50.0		104	64-137		1.77	30	
1,2,3-Trichlorobenzene	50.3		"	50.0		101	81-140		3.03	30	
1,2,3-Trichloropropane	50.0		"	50.0		100	81-126		5.13	30	
1,2,4-Trichlorobenzene	54.1		"	50.0		108	80-141		0.498	30	
1,2,4-Trimethylbenzene	52.6		"	50.0		105	84-125		2.64	30	
1,2-Dibromo-3-chloropropane	44.8		"	50.0		89.7	74-142		10.3	30	
1,2-Dibromoethane	49.0		"	50.0		98.1	86-123		2.87	30	
1,2-Dichlorobenzene	51.5		"	50.0		103	85-122		0.484	30	
1,2-Dichloroethane	50.5		"	50.0		101	71-133		1.04	30	
1,2-Dichloropropane	46.6		"	50.0		93.3	81-122		2.08	30	
1,3,5-Trimethylbenzene	49.4		"	50.0		98.7	82-126		0.325	30	
1,3-Dichlorobenzene	50.9		"	50.0		102	84-124		1.13	30	
1,4-Dichlorobenzene	50.7		"	50.0		101	84-124		0.197	30	
1,4-Dioxane	1160		"	1050		111	10-228		4.24	30	
2-Butanone	45.8		"	50.0		91.7	58-147		4.10	30	
2-Hexanone	44.1		"	50.0		88.2	70-139		7.00	30	
4-Methyl-2-pentanone	20.6		"	50.0		41.2	72-132	Low Bias	5.48	30	
Acetone	39.8		"	50.0		79.6	36-155		12.8	30	
Acrolein	13.6		"	50.0		27.3	10-238		14.4	30	
Acrylonitrile	49.1		"	50.0		98.2	66-141		2.17	30	
Benzene	51.0		"	50.0		102	77-127		0.0196	30	
Bromochloromethane	48.6		"	50.0		97.2	74-129		0.534	30	
Bromodichloromethane	48.8		"	50.0		97.6	81-124		2.71	30	
Bromoform	48.9		"	50.0		97.7	80-136		0.957	30	
Bromomethane	64.2		"	50.0		128	32-177		0.667	30	
Carbon disulfide	60.6		"	50.0		121	10-136		0.829	30	
Carbon tetrachloride	55.1		"	50.0		110	66-143		2.79	30	
Chlorobenzene	49.6		"	50.0		99.2	86-120		0.543	30	
Chloroethane	60.7		"	50.0		121	51-142		3.44	30	
Chloroform	50.7		"	50.0		101	76-131		1.86	30	
Chloromethane	59.9		"	50.0		120	49-132		2.55	30	
cis-1,2-Dichloroethylene	51.4		"	50.0		103	74-132		0.331	30	
cis-1,3-Dichloropropylene	48.4		"	50.0		96.7	81-129		1.40	30	
Cyclohexane	51.8		"	50.0		104	70-130		4.24	30	
Dibromochloromethane	47.8		"	50.0		95.7	10-200		5.13	30	
Dibromomethane	49.1		"	50.0		98.1	83-124		0.305	30	
Dichlorodifluoromethane	102		"	50.0		204	28-158	High Bias	1.56	30	
Ethyl Benzene	48.8		"	50.0		97.7	84-125		2.91	30	
Hexachlorobutadiene	53.5		"	50.0		107	83-133		5.71	30	
Isopropylbenzene	50.8		"	50.0		102	81-127		1.77	30	
Methyl acetate	43.0		"	50.0		85.9	41-143		4.06	30	
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131		1.26	30	
Methylcyclohexane	50.4		"	50.0		101	70-130		2.37	30	
Methylene chloride	49.9		"	50.0		99.8	57-141		0.241	30	
n-Butylbenzene	54.7		"	50.0		109	80-130		0.783	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80796 - EPA 5035A											
LCS Dup (BA80796-BSD1)								Prepared & Analyzed: 01/22/2018			
n-Propylbenzene	50.6		ug/L	50.0		101	74-136		1.37	30	
o-Xylene	50.3		"	50.0		101	83-123		2.16	30	
p- & m- Xylenes	96.0		"	100		96.0	82-128		3.58	30	
p-Isopropyltoluene	52.7		"	50.0		105	85-125		0.964	30	
sec-Butylbenzene	54.5		"	50.0		109	83-125		2.11	30	
Styrene	45.4		"	50.0		90.8	86-126		5.69	30	
tert-Butyl alcohol (TBA)	53.6		"	250		21.4	70-130	Low Bias	14.2	30	
tert-Butylbenzene	43.1		"	50.0		86.2	80-127		11.2	30	
Tetrachloroethylene	45.3		"	50.0		90.6	80-129		3.75	30	
Toluene	48.6		"	50.0		97.2	85-121		2.04	30	
trans-1,2-Dichloroethylene	49.5		"	50.0		99.0	72-132		3.47	30	
trans-1,3-Dichloropropylene	47.6		"	50.0		95.3	78-132		4.93	30	
Trichloroethylene	51.7		"	50.0		103	84-123		0.405	30	
Trichlorofluoromethane	68.6		"	50.0		137	62-140		1.88	30	
Vinyl Chloride	62.6		"	50.0		125	52-130		1.90	30	
Surrogate: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*99.9*	*77-125*				
Surrogate: Toluene-d8	*49.4*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*98.9*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80694 - EPA 3550C											
Blank (BA80694-BLK1)											
Prepared: 01/18/2018 Analyzed: 01/19/2018											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80694 - EPA 3550C											
Blank (BA80694-BLK1)											
Prepared: 01/18/2018 Analyzed: 01/19/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.68*		"	*2.55*		*66.1*	*20-108*				
Surrogate: Phenol-d5	*1.88*		"	*2.59*		*72.6*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.40*		"	*1.81*		*76.9*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.20*		"	*1.76*		*68.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.27*		"	*2.59*		*87.6*	*19-110*				
Surrogate: Terphenyl-d14	*1.05*		"	*1.69*		*62.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80694 - EPA 3550C											
LCS (BA80694-BS1)								Prepared: 01/18/2018 Analyzed: 01/19/2018			
1,1-Biphenyl	0.720	0.0417	mg/kg wet	0.833		86.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.702	0.0833	"	0.833		84.2	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.675	0.0417	"	0.833		81.0	17-137				
2,3,4,6-Tetrachlorophenol	0.625	0.0833	"	0.833		75.0	30-130				
2,4,5-Trichlorophenol	0.717	0.0417	"	0.833		86.0	27-118				
2,4,6-Trichlorophenol	0.703	0.0417	"	0.833		84.3	31-120				
2,4-Dichlorophenol	0.751	0.0417	"	0.833		90.1	20-127				
2,4-Dimethylphenol	0.730	0.0417	"	0.833		87.6	14-132				
2,4-Dinitrophenol	0.672	0.0833	"	0.833		80.6	10-171				
2,4-Dinitrotoluene	0.691	0.0417	"	0.833		82.9	34-131				
2,6-Dinitrotoluene	0.669	0.0417	"	0.833		80.2	31-128				
2-Chloronaphthalene	0.539	0.0417	"	0.833		64.6	31-117				
2-Chlorophenol	0.652	0.0417	"	0.833		78.2	33-113				
2-Methylnaphthalene	0.754	0.0417	"	0.833		90.4	12-138				
2-Methylphenol	0.713	0.0417	"	0.833		85.5	10-136				
2-Nitroaniline	0.723	0.0833	"	0.833		86.7	27-132				
2-Nitrophenol	0.804	0.0417	"	0.833		96.5	17-129				
3- & 4-Methylphenols	0.664	0.0417	"	0.833		79.6	29-103				
3,3-Dichlorobenzidine	0.707	0.0417	"	0.833		84.8	22-149				
3-Nitroaniline	0.559	0.0833	"	0.833		67.1	20-133				
4,6-Dinitro-2-methylphenol	0.781	0.0833	"	0.833		93.7	10-143				
4-Bromophenyl phenyl ether	0.696	0.0417	"	0.833		83.6	29-120				
4-Chloro-3-methylphenol	0.849	0.0417	"	0.833		102	24-129				
4-Chloroaniline	0.505	0.0417	"	0.833		60.6	10-132				
4-Chlorophenyl phenyl ether	0.679	0.0417	"	0.833		81.4	27-124				
4-Nitroaniline	0.686	0.0833	"	0.833		82.4	16-128				
4-Nitrophenol	0.781	0.0833	"	0.833		93.7	10-141				
Acenaphthene	0.688	0.0417	"	0.833		82.6	30-121				
Acenaphthylene	0.622	0.0417	"	0.833		74.6	30-115				
Acetophenone	0.762	0.0417	"	0.833		91.5	20-112				
Aniline	0.628	0.167	"	0.833		75.4	10-119				
Anthracene	0.688	0.0417	"	0.833		82.6	34-118				
Atrazine	0.870	0.0417	"	0.833		104	26-112				
Benzaldehyde	0.794	0.0417	"	0.833		95.2	21-100				
Benzo(a)anthracene	0.777	0.0417	"	0.833		93.2	32-122				
Benzo(a)pyrene	0.736	0.0417	"	0.833		88.3	29-133				
Benzo(b)fluoranthene	0.704	0.0417	"	0.833		84.5	25-133				
Benzo(g,h,i)perylene	0.632	0.0417	"	0.833		75.8	10-143				
Benzo(k)fluoranthene	0.677	0.0417	"	0.833		81.2	25-128				
Benzoic acid	0.370	0.0417	"	0.967		38.3	10-140				
Benzyl alcohol	0.667	0.0417	"	0.833		80.0	30-115				
Benzyl butyl phthalate	0.862	0.0417	"	0.833		103	26-126				
Bis(2-chloroethoxy)methane	0.804	0.0417	"	0.833		96.5	19-132				
Bis(2-chloroethyl)ether	0.646	0.0417	"	0.833		77.6	19-125				
Bis(2-chloroisopropyl)ether	0.737	0.0417	"	0.833		88.4	20-135				
Bis(2-ethylhexyl)phthalate	0.807	0.0417	"	0.833		96.8	10-155				
Caprolactam	0.991	0.0833	"	0.833		119	10-127				
Carbazole	0.594	0.0417	"	0.833		71.3	35-123				
Chrysene	0.662	0.0417	"	0.833		79.4	32-123				
Dibenzo(a,h)anthracene	0.663	0.0417	"	0.833		79.6	10-136				
Dibenzofuran	0.666	0.0417	"	0.833		79.9	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80694 - EPA 3550C											
LCS (BA80694-BS1)									Prepared: 01/18/2018 Analyzed: 01/19/2018		
Diethyl phthalate	0.670	0.0417	mg/kg wet	0.833		80.4	34-116				
Dimethyl phthalate	0.674	0.0417	"	0.833		80.8	35-124				
Di-n-butyl phthalate	0.687	0.0417	"	0.833		82.5	31-116				
Di-n-octyl phthalate	0.835	0.0417	"	0.833		100	26-136				
Diphenylamine	0.878	0.0833	"	0.833		105	40-140				
Fluoranthene	0.721	0.0417	"	0.833		86.5	33-122				
Fluorene	0.672	0.0417	"	0.833		80.7	29-123				
Hexachlorobenzene	0.574	0.0417	"	0.833		68.9	21-124				
Hexachlorobutadiene	0.560	0.0417	"	0.833		67.2	10-149				
Hexachlorocyclopentadiene	0.441	0.0417	"	0.833		53.0	10-129				
Hexachloroethane	0.532	0.0417	"	0.833		63.9	28-108				
Indeno(1,2,3-cd)pyrene	0.655	0.0417	"	0.833		78.6	10-135				
Isophorone	0.653	0.0417	"	0.833		78.4	20-132				
Naphthalene	0.718	0.0417	"	0.833		86.1	23-124				
Nitrobenzene	0.621	0.0417	"	0.833		74.5	13-132				
N-Nitrosodimethylamine	0.538	0.0417	"	0.833		64.6	11-129				
N-nitroso-di-n-propylamine	0.673	0.0417	"	0.833		80.8	24-119				
N-Nitrosodiphenylamine	0.915	0.0417	"	0.833		110	22-152				
Pentachlorophenol	0.473	0.0417	"	0.833		56.7	10-139				
Phenanthrene	0.704	0.0417	"	0.833		84.5	33-123				
Phenol	0.703	0.0417	"	0.833		84.3	23-115				
Pyrene	0.748	0.0417	"	0.833		89.8	32-130				
Pyridine	0.403	0.167	"	0.833		48.3	10-91				
Surrogate: 2-Fluorophenol	*1.99*		"	*2.55*		*78.0*	*20-108*				
Surrogate: Phenol-d5	*2.19*		"	*2.59*		*84.4*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.61*		"	*1.81*		*88.8*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.31*		"	*1.76*		*74.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.55*		"	*2.59*		*98.4*	*19-110*				
Surrogate: Terphenyl-d14	*1.13*		"	*1.69*		*67.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80694 - EPA 3550C											
Matrix Spike (BA80694-MS1)	*Source sample: 18A0509-01 (SB112_22-24)							Prepared: 01/18/2018 Analyzed: 01/19/2018			
1,1-Biphenyl	0.627	0.0881	mg/kg dry	0.880	ND	71.3	10-130				
1,2,4,5-Tetrachlorobenzene	0.587	0.176	"	0.880	ND	66.7	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.603	0.0881	"	0.880	ND	68.6	10-144				
2,3,4,6-Tetrachlorophenol	0.622	0.176	"	0.880	ND	70.6	30-130				
2,4,5-Trichlorophenol	0.684	0.0881	"	0.880	ND	77.7	10-127				
2,4,6-Trichlorophenol	0.654	0.0881	"	0.880	ND	74.3	10-132				
2,4-Dichlorophenol	0.647	0.0881	"	0.880	ND	73.5	10-128				
2,4-Dimethylphenol	0.616	0.0881	"	0.880	ND	70.0	10-137				
2,4-Dinitrophenol	0.629	0.176	"	0.880	ND	71.4	10-171				
2,4-Dinitrotoluene	0.656	0.0881	"	0.880	ND	74.6	16-135				
2,6-Dinitrotoluene	0.615	0.0881	"	0.880	ND	69.8	18-131				
2-Chloronaphthalene	0.460	0.0881	"	0.880	ND	52.2	10-129				
2-Chlorophenol	0.566	0.0881	"	0.880	ND	64.3	15-116				
2-Methylnaphthalene	0.651	0.0881	"	0.880	ND	73.9	10-147				
2-Methylphenol	0.620	0.0881	"	0.880	ND	70.5	10-136				
2-Nitroaniline	0.644	0.176	"	0.880	ND	73.2	10-137				
2-Nitrophenol	0.647	0.0881	"	0.880	ND	73.5	10-129				
3- & 4-Methylphenols	0.534	0.0881	"	0.880	ND	60.7	10-123				
3,3-Dichlorobenzidine	0.550	0.0881	"	0.880	ND	62.5	10-155				
3-Nitroaniline	0.595	0.176	"	0.880	ND	67.6	12-133				
4,6-Dinitro-2-methylphenol	0.673	0.176	"	0.880	ND	76.5	10-155				
4-Bromophenyl phenyl ether	0.668	0.0881	"	0.880	ND	75.8	14-128				
4-Chloro-3-methylphenol	0.777	0.0881	"	0.880	ND	88.3	10-134				
4-Chloroaniline	0.481	0.0881	"	0.880	ND	54.6	10-145				
4-Chlorophenyl phenyl ether	0.646	0.0881	"	0.880	ND	73.4	14-130				
4-Nitroaniline	0.595	0.176	"	0.880	ND	67.6	10-147				
4-Nitrophenol	0.693	0.176	"	0.880	ND	78.7	10-137				
Acenaphthene	0.622	0.0881	"	0.880	ND	70.6	10-146				
Acenaphthylene	0.580	0.0881	"	0.880	ND	65.8	10-134				
Acetophenone	0.680	0.0881	"	0.880	ND	77.2	10-116				
Aniline	0.504	0.353	"	0.880	ND	57.3	10-123				
Anthracene	0.652	0.0881	"	0.880	ND	74.1	10-142				
Atrazine	0.825	0.0881	"	0.880	ND	93.7	19-115				
Benzaldehyde	0.656	0.0881	"	0.880	ND	74.5	10-125				
Benzo(a)anthracene	0.737	0.0881	"	0.880	ND	83.7	10-158				
Benzo(a)pyrene	0.757	0.0881	"	0.880	ND	86.0	10-180				
Benzo(b)fluoranthene	0.690	0.0881	"	0.880	ND	78.4	10-200				
Benzo(g,h,i)perylene	0.639	0.0881	"	0.880	ND	72.6	10-138				
Benzo(k)fluoranthene	0.698	0.0881	"	0.880	ND	79.3	10-197				
Benzoic acid	0.401	0.0881	"	1.02	ND	39.3	10-166				
Benzyl alcohol	0.584	0.0881	"	0.880	ND	66.4	12-124				
Benzyl butyl phthalate	0.806	0.0881	"	0.880	ND	91.5	10-154				
Bis(2-chloroethoxy)methane	0.668	0.0881	"	0.880	ND	75.9	10-132				
Bis(2-chloroethyl)ether	0.525	0.0881	"	0.880	ND	59.7	10-119				
Bis(2-chloroisopropyl)ether	0.568	0.0881	"	0.880	ND	64.6	10-139				
Bis(2-ethylhexyl)phthalate	0.782	0.0881	"	0.880	ND	88.8	10-167				
Caprolactam	0.886	0.176	"	0.880	ND	101	10-132				
Carbazole	0.563	0.0881	"	0.880	ND	64.0	10-167				
Chrysene	0.648	0.0881	"	0.880	ND	73.6	10-156				
Dibenzo(a,h)anthracene	0.683	0.0881	"	0.880	ND	77.6	10-137				
Dibenzofuran	0.606	0.0881	"	0.880	ND	68.9	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80694 - EPA 3550C											
Matrix Spike (BA80694-MS1)	*Source sample: 18A0509-01 (SB112_22-24)							Prepared: 01/18/2018 Analyzed: 01/19/2018			
Diethyl phthalate	0.636	0.0881	mg/kg dry	0.880	ND	72.2	20-120				
Dimethyl phthalate	0.650	0.0881	"	0.880	ND	73.8	18-131				
Di-n-butyl phthalate	0.664	0.0881	"	0.880	ND	75.4	10-137				
Di-n-octyl phthalate	0.786	0.0881	"	0.880	ND	89.3	10-180				
Diphenylamine	0.804	0.176	"	0.880	ND	91.4	40-140				
Fluoranthene	0.694	0.0881	"	0.880	ND	78.8	10-160				
Fluorene	0.623	0.0881	"	0.880	ND	70.8	10-157				
Hexachlorobenzene	0.552	0.0881	"	0.880	ND	62.7	10-137				
Hexachlorobutadiene	0.472	0.0881	"	0.880	ND	53.6	10-132				
Hexachlorocyclopentadiene	0.266	0.0881	"	0.880	ND	30.2	10-106				
Hexachloroethane	0.421	0.0881	"	0.880	ND	47.8	10-110				
Indeno(1,2,3-cd)pyrene	0.677	0.0881	"	0.880	ND	76.9	10-144				
Isophorone	0.548	0.0881	"	0.880	ND	62.2	10-132				
Naphthalene	0.596	0.0881	"	0.880	ND	67.8	10-141				
Nitrobenzene	0.508	0.0881	"	0.880	ND	57.7	10-131				
N-Nitrosodimethylamine	0.428	0.0881	"	0.880	ND	48.6	10-126				
N-nitroso-di-n-propylamine	0.580	0.0881	"	0.880	ND	65.8	10-125				
N-Nitrosodiphenylamine	0.842	0.0881	"	0.880	ND	95.7	10-177				
Pentachlorophenol	0.481	0.0881	"	0.880	ND	54.6	10-153				
Phenanthrene	0.680	0.0881	"	0.880	ND	77.3	10-148				
Phenol	0.575	0.0881	"	0.880	ND	65.3	10-126				
Pyrene	0.717	0.0881	"	0.880	ND	81.4	10-165				
Pyridine	0.303	0.353	"	0.880	ND	34.5	10-83				
Surrogate: 2-Fluorophenol	*1.55*		"	*2.69*		*57.6*	*20-108*				
Surrogate: Phenol-d5	*1.82*		"	*2.74*		*66.4*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.34*		"	*1.92*		*70.0*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.15*		"	*1.86*		*61.9*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.37*		"	*2.73*		*86.8*	*19-110*				
Surrogate: Terphenyl-d14	*1.08*		"	*1.78*		*60.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BA80694 - EPA 3550C

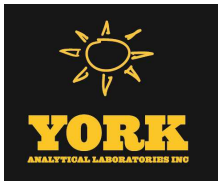
Matrix Spike Dup (BA80694-MSD1) *Source sample: 18A0509-01 (SB112_22-24) Prepared: 01/18/2018 Analyzed: 01/19/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.627	0.0881	mg/kg dry	0.880	ND	71.2	10-130		0.112	30	
1,2,4,5-Tetrachlorobenzene	0.577	0.176	"	0.880	ND	65.5	10-133		1.81	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.608	0.0881	"	0.880	ND	69.1	10-144		0.813	30	
2,3,4,6-Tetrachlorophenol	0.594	0.176	"	0.880	ND	67.5	30-130		4.52	30	
2,4,5-Trichlorophenol	0.650	0.0881	"	0.880	ND	73.8	10-127		5.07	30	
2,4,6-Trichlorophenol	0.590	0.0881	"	0.880	ND	67.0	10-132		10.3	30	
2,4-Dichlorophenol	0.649	0.0881	"	0.880	ND	73.8	10-128		0.326	30	
2,4-Dimethylphenol	0.615	0.0881	"	0.880	ND	69.8	10-137		0.229	30	
2,4-Dinitrophenol	0.713	0.176	"	0.880	ND	81.0	10-171		12.5	30	
2,4-Dinitrotoluene	0.653	0.0881	"	0.880	ND	74.2	16-135		0.430	30	
2,6-Dinitrotoluene	0.627	0.0881	"	0.880	ND	71.3	18-131		2.04	30	
2-Chloronaphthalene	0.468	0.0881	"	0.880	ND	53.2	10-129		1.82	30	
2-Chlorophenol	0.529	0.0881	"	0.880	ND	60.1	15-116		6.82	30	
2-Methylnaphthalene	0.646	0.0881	"	0.880	ND	73.4	10-147		0.760	30	
2-Methylphenol	0.588	0.0881	"	0.880	ND	66.8	10-136		5.36	30	
2-Nitroaniline	0.691	0.176	"	0.880	ND	78.5	10-137		6.96	30	
2-Nitrophenol	0.682	0.0881	"	0.880	ND	77.5	10-129		5.30	30	
3- & 4-Methylphenols	0.558	0.0881	"	0.880	ND	63.4	10-123		4.38	30	
3,3-Dichlorobenzidine	0.580	0.0881	"	0.880	ND	65.9	10-155		5.36	30	
3-Nitroaniline	0.573	0.176	"	0.880	ND	65.1	12-133		3.74	30	
4,6-Dinitro-2-methylphenol	0.709	0.176	"	0.880	ND	80.6	10-155		5.20	30	
4-Bromophenyl phenyl ether	0.672	0.0881	"	0.880	ND	76.3	14-128		0.631	30	
4-Chloro-3-methylphenol	0.763	0.0881	"	0.880	ND	86.6	10-134		1.92	30	
4-Chloroaniline	0.517	0.0881	"	0.880	ND	58.7	10-145		7.20	30	
4-Chlorophenyl phenyl ether	0.640	0.0881	"	0.880	ND	72.7	14-130		0.985	30	
4-Nitroaniline	0.657	0.176	"	0.880	ND	74.6	10-147		9.90	30	
4-Nitrophenol	0.708	0.176	"	0.880	ND	80.5	10-137		2.21	30	
Acenaphthene	0.594	0.0881	"	0.880	ND	67.4	10-146		4.64	30	
Acenaphthylene	0.549	0.0881	"	0.880	ND	62.3	10-134		5.49	30	
Acetophenone	0.656	0.0881	"	0.880	ND	74.6	10-116		3.48	30	
Aniline	0.484	0.353	"	0.880	ND	55.0	10-123		3.99	30	
Anthracene	0.646	0.0881	"	0.880	ND	73.4	10-142		0.977	30	
Atrazine	0.837	0.0881	"	0.880	ND	95.0	19-115		1.44	30	
Benzaldehyde	0.602	0.0881	"	0.880	ND	68.4	10-125		8.51	30	
Benzo(a)anthracene	0.744	0.0881	"	0.880	ND	84.6	10-158		1.05	30	
Benzo(a)pyrene	0.765	0.0881	"	0.880	ND	86.9	10-180		1.02	30	
Benzo(b)fluoranthene	0.689	0.0881	"	0.880	ND	78.2	10-200		0.204	30	
Benzo(g,h,i)perylene	0.658	0.0881	"	0.880	ND	74.7	10-138		2.93	30	
Benzo(k)fluoranthene	0.684	0.0881	"	0.880	ND	77.8	10-197		1.94	30	
Benzoic acid	0.405	0.0881	"	1.02	ND	39.7	10-166		0.873	30	
Benzyl alcohol	0.554	0.0881	"	0.880	ND	63.0	12-124		5.32	30	
Benzyl butyl phthalate	0.810	0.0881	"	0.880	ND	92.1	10-154		0.610	30	
Bis(2-chloroethoxy)methane	0.670	0.0881	"	0.880	ND	76.2	10-132		0.316	30	
Bis(2-chloroethyl)ether	0.526	0.0881	"	0.880	ND	59.8	10-119		0.134	30	
Bis(2-chloroisopropyl)ether	0.531	0.0881	"	0.880	ND	60.3	10-139		6.79	30	
Bis(2-ethylhexyl)phthalate	0.790	0.0881	"	0.880	ND	89.8	10-167		1.08	30	
Caprolactam	0.935	0.176	"	0.880	ND	106	10-132		5.41	30	
Carbazole	0.569	0.0881	"	0.880	ND	64.6	10-167		0.995	30	
Chrysene	0.652	0.0881	"	0.880	ND	74.1	10-156		0.650	30	
Dibenzo(a,h)anthracene	0.684	0.0881	"	0.880	ND	77.8	10-137		0.206	30	
Dibenzofuran	0.613	0.0881	"	0.880	ND	69.6	10-147		1.04	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80694 - EPA 3550C											
Matrix Spike Dup (BA80694-MSD1)	*Source sample: 18A0509-01 (SB112_22-24)								Prepared: 01/18/2018 Analyzed: 01/19/2018		
Diethyl phthalate	0.625	0.0881	mg/kg dry	0.880	ND	71.0	20-120		1.68	30	
Dimethyl phthalate	0.646	0.0881	"	0.880	ND	73.4	18-131		0.543	30	
Di-n-butyl phthalate	0.657	0.0881	"	0.880	ND	74.6	10-137		1.07	30	
Di-n-octyl phthalate	0.812	0.0881	"	0.880	ND	92.2	10-180		3.26	30	
Diphenylamine	0.783	0.176	"	0.880	ND	89.0	40-140		2.66	30	
Fluoranthene	0.714	0.0881	"	0.880	ND	81.1	10-160		2.90	30	
Fluorene	0.627	0.0881	"	0.880	ND	71.2	10-157		0.563	30	
Hexachlorobenzene	0.562	0.0881	"	0.880	ND	63.8	10-137		1.77	30	
Hexachlorobutadiene	0.496	0.0881	"	0.880	ND	56.3	10-132		4.95	30	
Hexachlorocyclopentadiene	0.300	0.0881	"	0.880	ND	34.1	10-106		11.9	30	
Hexachloroethane	0.425	0.0881	"	0.880	ND	48.3	10-110		0.998	30	
Indeno(1,2,3-cd)pyrene	0.682	0.0881	"	0.880	ND	77.5	10-144		0.829	30	
Isophorone	0.583	0.0881	"	0.880	ND	66.2	10-132		6.23	30	
Naphthalene	0.608	0.0881	"	0.880	ND	69.0	10-141		1.87	30	
Nitrobenzene	0.505	0.0881	"	0.880	ND	57.4	10-131		0.556	30	
N-Nitrosodimethylamine	0.396	0.0881	"	0.880	ND	45.0	10-126		7.69	30	
N-nitroso-di-n-propylamine	0.588	0.0881	"	0.880	ND	66.8	10-125		1.45	30	
N-Nitrosodiphenylamine	0.796	0.0881	"	0.880	ND	90.5	10-177		5.59	30	
Pentachlorophenol	0.439	0.0881	"	0.880	ND	49.8	10-153		9.19	30	
Phenanthrene	0.670	0.0881	"	0.880	ND	76.2	10-148		1.46	30	
Phenol	0.554	0.0881	"	0.880	ND	63.0	10-126		3.62	30	
Pyrene	0.698	0.0881	"	0.880	ND	79.3	10-165		2.69	30	
Pyridine	0.289	0.353	"	0.880	ND	32.9	10-83		4.75	30	
Surrogate: 2-Fluorophenol	*1.62*		"	*2.69*		*60.1*	*20-108*				
Surrogate: Phenol-d5	*1.82*		"	*2.74*		*66.6*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.36*		"	*1.92*		*71.1*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.17*		"	*1.86*		*62.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.27*		"	*2.73*		*83.2*	*19-110*				
Surrogate: Terphenyl-d14	*1.12*		"	*1.78*		*63.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

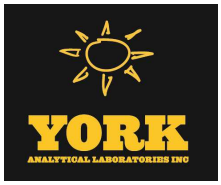
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)											
Prepared: 01/24/2018 Analyzed: 01/25/2018											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)											
Prepared: 01/24/2018 Analyzed: 01/25/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.89*		"	*2.55*		*74.1*	*20-108*				
Surrogate: Phenol-d5	*2.10*		"	*2.59*		*81.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.64*		"	*1.81*		*90.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.30*		"	*1.76*		*74.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.24*		"	*2.59*		*86.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.11*		"	*1.69*		*66.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
LCS (BA80942-BS1)								Prepared: 01/24/2018 Analyzed: 01/25/2018			
1,1-Biphenyl	0.694	0.0417	mg/kg wet	0.833		83.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.761	0.0833	"	0.833		91.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.683	0.0417	"	0.833		81.9	17-137				
2,3,4,6-Tetrachlorophenol	0.644	0.0833	"	0.833		77.2	30-130				
2,4,5-Trichlorophenol	0.807	0.0417	"	0.833		96.8	27-118				
2,4,6-Trichlorophenol	0.770	0.0417	"	0.833		92.4	31-120				
2,4-Dichlorophenol	0.781	0.0417	"	0.833		93.8	20-127				
2,4-Dimethylphenol	0.778	0.0417	"	0.833		93.3	14-132				
2,4-Dinitrophenol	0.784	0.0833	"	0.833		94.1	10-171				
2,4-Dinitrotoluene	0.764	0.0417	"	0.833		91.6	34-131				
2,6-Dinitrotoluene	0.779	0.0417	"	0.833		93.5	31-128				
2-Chloronaphthalene	0.589	0.0417	"	0.833		70.6	31-117				
2-Chlorophenol	0.670	0.0417	"	0.833		80.4	33-113				
2-Methylnaphthalene	0.788	0.0417	"	0.833		94.6	12-138				
2-Methylphenol	0.751	0.0417	"	0.833		90.1	10-136				
2-Nitroaniline	0.817	0.0833	"	0.833		98.1	27-132				
2-Nitrophenol	0.844	0.0417	"	0.833		101	17-129				
3- & 4-Methylphenols	0.693	0.0417	"	0.833		83.1	29-103				
3,3-Dichlorobenzidine	0.663	0.0417	"	0.833		79.6	22-149				
3-Nitroaniline	0.528	0.0833	"	0.833		63.4	20-133				
4,6-Dinitro-2-methylphenol	0.850	0.0833	"	0.833		102	10-143				
4-Bromophenyl phenyl ether	0.735	0.0417	"	0.833		88.2	29-120				
4-Chloro-3-methylphenol	0.899	0.0417	"	0.833		108	24-129				
4-Chloroaniline	0.473	0.0417	"	0.833		56.8	10-132				
4-Chlorophenyl phenyl ether	0.747	0.0417	"	0.833		89.6	27-124				
4-Nitroaniline	0.696	0.0833	"	0.833		83.5	16-128				
4-Nitrophenol	0.952	0.0833	"	0.833		114	10-141				
Acenaphthene	0.712	0.0417	"	0.833		85.4	30-121				
Acenaphthylene	0.660	0.0417	"	0.833		79.2	30-115				
Acetophenone	0.771	0.0417	"	0.833		92.6	20-112				
Aniline	0.563	0.167	"	0.833		67.5	10-119				
Anthracene	0.715	0.0417	"	0.833		85.8	34-118				
Atrazine	0.886	0.0417	"	0.833		106	26-112				
Benzaldehyde	0.720	0.0417	"	0.833		86.4	21-100				
Benzo(a)anthracene	0.842	0.0417	"	0.833		101	32-122				
Benzo(a)pyrene	0.820	0.0417	"	0.833		98.4	29-133				
Benzo(b)fluoranthene	0.757	0.0417	"	0.833		90.8	25-133				
Benzo(g,h,i)perylene	0.709	0.0417	"	0.833		85.1	10-143				
Benzo(k)fluoranthene	0.736	0.0417	"	0.833		88.4	25-128				
Benzoic acid	0.431	0.0417	"	0.967		44.6	10-140				
Benzyl alcohol	0.726	0.0417	"	0.833		87.2	30-115				
Benzyl butyl phthalate	0.884	0.0417	"	0.833		106	26-126				
Bis(2-chloroethoxy)methane	0.841	0.0417	"	0.833		101	19-132				
Bis(2-chloroethyl)ether	0.671	0.0417	"	0.833		80.6	19-125				
Bis(2-chloroisopropyl)ether	0.724	0.0417	"	0.833		86.8	20-135				
Bis(2-ethylhexyl)phthalate	0.884	0.0417	"	0.833		106	10-155				
Caprolactam	0.933	0.0833	"	0.833		112	10-127				
Carbazole	0.626	0.0417	"	0.833		75.1	35-123				
Chrysene	0.720	0.0417	"	0.833		86.4	32-123				
Dibenzo(a,h)anthracene	0.757	0.0417	"	0.833		90.8	10-136				
Dibenzofuran	0.728	0.0417	"	0.833		87.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
LCS (BA80942-BS1)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
Diethyl phthalate	0.728	0.0417	mg/kg wet	0.833		87.3	34-116				
Dimethyl phthalate	0.731	0.0417	"	0.833		87.7	35-124				
Di-n-butyl phthalate	0.753	0.0417	"	0.833		90.3	31-116				
Di-n-octyl phthalate	0.904	0.0417	"	0.833		108	26-136				
Diphenylamine	0.896	0.0833	"	0.833		108	40-140				
Fluoranthene	0.781	0.0417	"	0.833		93.8	33-122				
Fluorene	0.738	0.0417	"	0.833		88.6	29-123				
Hexachlorobenzene	0.576	0.0417	"	0.833		69.2	21-124				
Hexachlorobutadiene	0.644	0.0417	"	0.833		77.2	10-149				
Hexachlorocyclopentadiene	0.430	0.0417	"	0.833		51.6	10-129				
Hexachloroethane	0.573	0.0417	"	0.833		68.8	28-108				
Indeno(1,2,3-cd)pyrene	0.760	0.0417	"	0.833		91.2	10-135				
Isophorone	0.684	0.0417	"	0.833		82.1	20-132				
Naphthalene	0.742	0.0417	"	0.833		89.0	23-124				
Nitrobenzene	0.654	0.0417	"	0.833		78.5	13-132				
N-Nitrosodimethylamine	0.528	0.0417	"	0.833		63.3	11-129				
N-nitroso-di-n-propylamine	0.721	0.0417	"	0.833		86.6	24-119				
N-Nitrosodiphenylamine	0.917	0.0417	"	0.833		110	22-152				
Pentachlorophenol	0.481	0.0417	"	0.833		57.8	10-139				
Phenanthrene	0.745	0.0417	"	0.833		89.4	33-123				
Phenol	0.708	0.0417	"	0.833		85.0	23-115				
Pyrene	0.772	0.0417	"	0.833		92.7	32-130				
Pyridine	0.427	0.167	"	0.833		51.3	10-91				
Surrogate: 2-Fluorophenol	*1.95*		"	*2.55*		*76.7*	*20-108*				
Surrogate: Phenol-d5	*2.23*		"	*2.59*		*86.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.66*		"	*1.81*		*91.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.40*		"	*1.76*		*79.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.54*		"	*2.59*		*98.4*	*19-110*				
Surrogate: Terphenyl-d14	*1.20*		"	*1.69*		*71.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80694 - EPA 3550C											
Blank (BA80694-BLK1)											Prepared: 01/18/2018 Analyzed: 01/19/2018
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80693 - EPA 3550C											
Blank (BA80693-BLK1)											Prepared: 01/18/2018 Analyzed: 01/19/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0519*		*"*	*0.0667*		*77.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0518*		*"*	*0.0667*		*77.6*	*30-150*				
LCS (BA80693-BS1)											Prepared: 01/18/2018 Analyzed: 01/19/2018
4,4'-DDD	0.0351	0.000330	mg/kg wet	0.0333		105	40-140				
4,4'-DDE	0.0318	0.000330	"	0.0333		95.4	40-140				
4,4'-DDT	0.0310	0.000330	"	0.0333		93.0	40-140				
Aldrin	0.0337	0.000330	"	0.0333		101	40-140				
alpha-BHC	0.0347	0.000330	"	0.0333		104	40-140				
alpha-Chlordane	0.0317	0.000330	"	0.0333		95.1	40-140				
beta-BHC	0.0342	0.000330	"	0.0333		103	40-140				
delta-BHC	0.0364	0.000330	"	0.0333		109	40-140				
Dieldrin	0.0341	0.000330	"	0.0333		102	40-140				
Endosulfan I	0.0373	0.000330	"	0.0333		112	40-140				
Endosulfan II	0.0342	0.000330	"	0.0333		103	40-140				
Endosulfan sulfate	0.0331	0.000330	"	0.0333		99.2	40-140				
Endrin	0.0305	0.000330	"	0.0333		91.4	40-140				
Endrin aldehyde	0.0314	0.000330	"	0.0333		94.1	40-140				
Endrin ketone	0.0348	0.000330	"	0.0333		104	40-140				
gamma-BHC (Lindane)	0.0333	0.000330	"	0.0333		100	40-140				
gamma-Chlordane	0.0320	0.000330	"	0.0333		96.0	40-140				
Heptachlor	0.0297	0.000330	"	0.0333		89.0	40-140				
Heptachlor epoxide	0.0315	0.000330	"	0.0333		94.4	40-140				
Methoxychlor	0.0271	0.00165	"	0.0333		81.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0531*		*"*	*0.0667*		*79.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0526*		*"*	*0.0667*		*78.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80693 - EPA 3550C											
Matrix Spike (BA80693-MS1)	*Source sample: 18A0509-02 (SB112_26-28)								Prepared: 01/18/2018 Analyzed: 01/19/2018		
4,4'-DDD	0.0291	0.00180	mg/kg dry	0.0363	ND	80.3	30-150				
4,4'-DDE	0.0262	0.00180	"	0.0363	ND	72.3	30-150				
4,4'-DDT	0.0248	0.00180	"	0.0363	ND	68.4	30-150				
Aldrin	0.0332	0.00180	"	0.0363	ND	91.5	30-150				
alpha-BHC	0.0396	0.00180	"	0.0363	ND	109	30-150				
alpha-Chlordane	0.0349	0.00180	"	0.0363	ND	96.3	30-150				
beta-BHC	0.0412	0.00180	"	0.0363	ND	114	30-150				
delta-BHC	0.0359	0.00180	"	0.0363	ND	99.0	30-150				
Dieldrin	0.0359	0.00180	"	0.0363	ND	99.0	30-150				
Endosulfan I	0.0401	0.00180	"	0.0363	ND	111	30-150				
Endosulfan II	0.0377	0.00180	"	0.0363	ND	104	30-150				
Endosulfan sulfate	0.0351	0.00180	"	0.0363	ND	96.8	30-150				
Endrin	0.0336	0.00180	"	0.0363	ND	92.7	30-150				
Endrin aldehyde	0.0337	0.00180	"	0.0363	ND	92.9	30-150				
Endrin ketone	0.0404	0.00180	"	0.0363	ND	111	30-150				
gamma-BHC (Lindane)	0.0387	0.00180	"	0.0363	ND	107	30-150				
gamma-Chlordane	0.0340	0.00180	"	0.0363	ND	93.8	30-150				
Heptachlor	0.0338	0.00180	"	0.0363	ND	93.2	30-150				
Heptachlor epoxide	0.0369	0.00180	"	0.0363	ND	102	30-150				
Methoxychlor	0.0251	0.00898	"	0.0363	ND	69.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0745*		*"*	*0.0725*		*103*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0658*		*"*	*0.0725*		*90.7*	*30-150*				
Matrix Spike Dup (BA80693-MSD1)	*Source sample: 18A0509-02 (SB112_26-28)								Prepared: 01/18/2018 Analyzed: 01/19/2018		
4,4'-DDD	0.0369	0.00180	mg/kg dry	0.0363	ND	102	30-150		23.7	30	
4,4'-DDE	0.0341	0.00180	"	0.0363	ND	94.1	30-150		26.2	30	
4,4'-DDT	0.0326	0.00180	"	0.0363	ND	90.0	30-150		27.2	30	
Aldrin	0.0405	0.00180	"	0.0363	ND	112	30-150		19.8	30	
alpha-BHC	0.0439	0.00180	"	0.0363	ND	121	30-150		10.3	30	
alpha-Chlordane	0.0423	0.00180	"	0.0363	ND	117	30-150		19.2	30	
beta-BHC	0.0460	0.00180	"	0.0363	ND	127	30-150		11.0	30	
delta-BHC	0.0404	0.00180	"	0.0363	ND	111	30-150		11.8	30	
Dieldrin	0.0429	0.00180	"	0.0363	ND	118	30-150		17.9	30	
Endosulfan I	0.0480	0.00180	"	0.0363	ND	132	30-150		18.0	30	
Endosulfan II	0.0448	0.00180	"	0.0363	ND	124	30-150		17.2	30	
Endosulfan sulfate	0.0428	0.00180	"	0.0363	ND	118	30-150		19.9	30	
Endrin	0.0397	0.00180	"	0.0363	ND	109	30-150		16.5	30	
Endrin aldehyde	0.0396	0.00180	"	0.0363	ND	109	30-150		16.0	30	
Endrin ketone	0.0477	0.00180	"	0.0363	ND	132	30-150		16.7	30	
gamma-BHC (Lindane)	0.0434	0.00180	"	0.0363	ND	120	30-150		11.3	30	
gamma-Chlordane	0.0414	0.00180	"	0.0363	ND	114	30-150		19.6	30	
Heptachlor	0.0400	0.00180	"	0.0363	ND	110	30-150		16.7	30	
Heptachlor epoxide	0.0428	0.00180	"	0.0363	ND	118	30-150		14.7	30	
Methoxychlor	0.0328	0.00898	"	0.0363	ND	90.6	30-150		26.9	30	
Surrogate: Decachlorobiphenyl	*0.0850*		*"*	*0.0725*		*117*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0757*		*"*	*0.0725*		*104*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80943 - EPA 3550C											
Blank (BA80943-BLK1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0673*		*"*	*0.0667*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0667*		*83.5*	*30-150*				
LCS (BA80943-BS1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
4,4'-DDD	0.0286	0.000330	mg/kg wet	0.0333		85.9	40-140				
4,4'-DDE	0.0263	0.000330	"	0.0333		78.9	40-140				
4,4'-DDT	0.0285	0.000330	"	0.0333		85.4	40-140				
Aldrin	0.0288	0.000330	"	0.0333		86.4	40-140				
alpha-BHC	0.0296	0.000330	"	0.0333		88.7	40-140				
alpha-Chlordane	0.0281	0.000330	"	0.0333		84.2	40-140				
beta-BHC	0.0289	0.000330	"	0.0333		86.8	40-140				
delta-BHC	0.0310	0.000330	"	0.0333		93.0	40-140				
Dieldrin	0.0301	0.000330	"	0.0333		90.2	40-140				
Endosulfan I	0.0332	0.000330	"	0.0333		99.6	40-140				
Endosulfan II	0.0309	0.000330	"	0.0333		92.7	40-140				
Endosulfan sulfate	0.0307	0.000330	"	0.0333		92.1	40-140				
Endrin	0.0278	0.000330	"	0.0333		83.5	40-140				
Endrin aldehyde	0.0292	0.000330	"	0.0333		87.5	40-140				
Endrin ketone	0.0325	0.000330	"	0.0333		97.6	40-140				
gamma-BHC (Lindane)	0.0287	0.000330	"	0.0333		86.1	40-140				
gamma-Chlordane	0.0279	0.000330	"	0.0333		83.7	40-140				
Heptachlor	0.0258	0.000330	"	0.0333		77.5	40-140				
Heptachlor epoxide	0.0273	0.000330	"	0.0333		81.9	40-140				
Methoxychlor	0.0246	0.00165	"	0.0333		73.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0508*		*"*	*0.0667*		*76.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0464*		*"*	*0.0667*		*69.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8A2202 - BL70213											
Performance Mix (Y8A2202-PEM1)								Prepared & Analyzed: 01/19/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.526		"	0.00			0-200				
4,4'-DDT	108		"	200		53.9	0-200				
Endrin	80.2		"	100		80.2	0-200				
Endrin aldehyde	1.41		"	0.00			0-200				
Endrin ketone	4.78		"	0.00			0-200				
Performance Mix (Y8A2202-PEM2)								Prepared & Analyzed: 01/19/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.471		"	0.00			0-200				
4,4'-DDT	86.2		"	200		43.1	0-200				
Endrin	75.7		"	100		75.7	0-200				
Endrin aldehyde	1.25		"	0.00			0-200				
Endrin ketone	5.02		"	0.00			0-200				
Batch Y8A2601 - BL70213											
Performance Mix (Y8A2601-PEM1)								Prepared & Analyzed: 01/25/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.769		"	0.00			0-200				
4,4'-DDT	118		"	200		59.2	0-200				
Endrin	96.8		"	100		96.8	0-200				
Endrin aldehyde	1.78		"	0.00			0-200				
Endrin ketone	6.32		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8A2601 - BL70213											
Performance Mix (Y8A2601-PEM2)							Prepared & Analyzed: 01/25/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.681		"	0.00			0-200				
4,4'-DDT	125		"	200		62.6	0-200				
Endrin	96.0		"	100		96.0	0-200				
Endrin aldehyde	1.52		"	0.00			0-200				
Endrin ketone	5.74		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80693 - EPA 3550C											
Blank (BA80693-BLK2)											Prepared: 01/18/2018 Analyzed: 01/19/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0507*		*"*	*0.0667*		*76.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0510*		*"*	*0.0667*		*76.5*	*30-140*				
LCS (BA80693-BS2)											Prepared: 01/18/2018 Analyzed: 01/19/2018
Aroclor 1016	0.314	0.0167	mg/kg wet	0.333		94.1	40-130				
Aroclor 1260	0.308	0.0167	"	0.333		92.4	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0527*		*"*	*0.0667*		*79.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0530*		*"*	*0.0667*		*79.5*	*30-140*				
Batch BA80943 - EPA 3550C											
Blank (BA80943-BLK2)											Prepared: 01/24/2018 Analyzed: 01/25/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0563*		*"*	*0.0667*		*84.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0650*		*"*	*0.0667*		*97.5*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80943 - EPA 3550C											
LCS (BA80943-BS2)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
Aroclor 1016	0.345	0.0167	mg/kg wet	0.333		104	40-130				
Aroclor 1260	0.341	0.0167	"	0.333		102	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0473*		*"*	*0.0667*		*71.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0567*		*"*	*0.0667*		*85.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80849 - EPA 3550B/8151A											
Blank (BA80849-BLK1)									Prepared & Analyzed: 01/23/2018		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.661*		*"*	*0.500*		*132*	*30-150*				
LCS (BA80849-BS1)									Prepared & Analyzed: 01/23/2018		
2,4,5-T	0.112	0.0200	mg/kg wet	0.160		70.0	40-140				
2,4,5-TP (Silvex)	0.129	0.0200	"	0.160		80.6	40-140				
2,4-D	0.130	0.0200	"	0.160		81.2	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.539*		*"*	*0.500*		*108*	*30-150*				
Batch BA81026 - EPA 3550B/8151A											
Blank (BA81026-BLK1)									Prepared & Analyzed: 01/26/2018		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.660*		*"*	*0.500*		*132*	*30-150*				
LCS (BA81026-BS1)									Prepared & Analyzed: 01/26/2018		
2,4,5-T	0.113	0.0200	mg/kg wet	0.160		70.6	40-140				
2,4,5-TP (Silvex)	0.125	0.0200	"	0.160		78.1	40-140				
2,4-D	0.124	0.0200	"	0.160		77.5	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.518*		*"*	*0.500*		*104*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80681 - EPA 3050B											
Blank (BA80681-BLK1)											Prepared: 01/18/2018 Analyzed: 01/21/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA80681-SRM1)											Prepared: 01/18/2018 Analyzed: 01/21/2018
Aluminum	7080	5.00	mg/kg wet	8090		87.6	49.8-149.6				
Antimony	86.9	0.500	"	99.3		87.5	0.5-207.5				
Arsenic	103	1.00	"	100		103	80.9-120				
Barium	236	1.00	"	217		109	81.6-118.4				
Beryllium	155	0.100	"	147		105	81.6-119.1				
Cadmium	83.6	0.300	"	83.7		99.9	81.2-118.9				
Calcium	6100	5.00	"	6010		101	80.9-119				
Chromium	97.7	0.500	"	107		91.3	77.5-121.5				
Cobalt	117	0.500	"	123		95.1	82.1-117.9				
Copper	170	0.500	"	166		102	80.7-118.7				
Iron	12100	2.00	"	14600		82.8	45.1-154.8				
Lead	90.0	0.500	"	88.4		102	81.2-118.8				
Magnesium	2850	5.00	"	2930		97.2	74.7-125.3				
Manganese	328	0.500	"	311		105	80.1-119.9				
Nickel	39.0	0.500	"	49.8		78.4	80.9-118.9	Low Bias			
Potassium	2490	5.00	"	2620		95.2	69.1-130.9				
Selenium	88.5	1.00	"	87.7		101	76.1-124.3				
Silver	24.0	0.500	"	41.4		57.9	73.7-126.1	Low Bias			
Sodium	33.2	10.0	"	252		13.2	69.1-131.4	Low Bias			
Thallium	56.2	1.00	"	58.1		96.7	77.6-122.6				
Vanadium	123	1.00	"	140		88.2	76.4-122.9				
Zinc	137	1.50	"	145		94.3	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80677 - EPA 7473 soil											
Blank (BA80677-BLK1)									Prepared & Analyzed: 01/18/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BA80677-SRM1)									Prepared & Analyzed: 01/18/2018		
Mercury	13.649		mg/kg	13.8		98.9	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80824 - % Solids Prep											
Duplicate (BA80824-DUP1)	*Source sample: 18A0509-01 (SB112_22-24)								Prepared & Analyzed: 01/22/2018		
% Solids	94.3	0.100	%		94.4				0.0381	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80733 - Analysis Preparation Soil											
Blank (BA80733-BLK1)									Prepared & Analyzed: 01/19/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA80733-SRM1)									Prepared & Analyzed: 01/19/2018		
Cyanide, total	38.4		ug/mL	62.8		61.2	22.5-110				
Batch BA80813 - EPA SW846-3060											
Blank (BA80813-BLK1)									Prepared & Analyzed: 01/22/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA80813-DUP1)	*Source sample: 18A0509-01 (SB112_22-24)								Prepared & Analyzed: 01/22/2018		
Chromium, Hexavalent	0.382	0.530	mg/kg dry		ND					35	
Matrix Spike (BA80813-MS1)	*Source sample: 18A0509-01 (SB112_22-24)								Prepared & Analyzed: 01/22/2018		
Chromium, Hexavalent	19.8	0.530	mg/kg dry	21.2	ND	93.2	75-125				
Reference (BA80813-SRM1)									Prepared & Analyzed: 01/22/2018		
Chromium, Hexavalent	64.3		mg/L	207		31.1	25.6-116.9				
Batch BA80930 - EPA SW846-3060											
Blank (BA80930-BLK1)									Prepared & Analyzed: 01/24/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA80930-SRM1)									Prepared & Analyzed: 01/24/2018		
Chromium, Hexavalent	86.5		mg/L	207		41.8	25.6-116.9				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80981 - Analysis Preparation Soil											
Blank (BA80981-BLK1)									Prepared & Analyzed: 01/25/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA80981-SRM1)									Prepared & Analyzed: 01/25/2018		
Cyanide, total	39.5		ug/mL	62.8		62.9	22.5-110				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0509-01	SB112_22-24	40mL Vial with Stir Bar-Cool 4° C
18A0509-02	SB112_26-28	40mL Vial with Stir Bar-Cool 4° C
18A0509-03	SB102A_0-2	40mL Vial with Stir Bar-Cool 4° C
18A0509-04	SB102B_5-7	40mL Vial with Stir Bar-Cool 4° C
18A0509-05	SB102A_10-11	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0509

YOUR Information

Company: LANGAN ENG
Address: 360 W 31ST ST 8FL NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

17038450 1

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes

S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-(Expanded No Dioxin/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-(Expanded Full List)	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB112-22-24	01/17/18 1220	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals (Cr6+, Cr3+)	4 40mL 2 8oz
SB112-26-28	01/17/18 1315	S	TCL+30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, (Cr6+, Cr3+)	4 40mL 2 8oz
		S		
SB102A-0-2	01/17/18 0935	S	TCL+30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, (Cr6+, Cr3+)	4 40mL 2 8oz
SB102B-5-7	01/17/18 0945	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals Cr6+ 1st - HOLD	4 40mL 2 8oz
SB102A-10-11	01/17/18 0940	S	TCL+30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals Cr6+ 1st - HOLD	4 40mL 2 8oz

Comments

Preservation Check those Applicable

4°C X Frozen ___ HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	01/17/18 1405		1/16/18 14:05
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		1/17/18	1927

Temperature on Receipt 4.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/26/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0702

Report Date: 01/26/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0702

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 22, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0702-02	SB110_29-30	Soil	01/19/2018	01/22/2018

General Notes for York Project (SDG) No.: 18A0702

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

Approved By:

Date: 01/26/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0067**	J	mg/kg dry	0.0058	0.012	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0097**	J	mg/kg dry	0.0058	0.012	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/24/2018 07:30	01/24/2018 19:14	SR
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.347	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.347	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	**Benzoic acid**	**0.0790**	J	mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0915**		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	**Di-n-butyl phthalate**	**0.0444**	J	mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0867	0.173	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0435	0.0867	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.347	2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*65.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*68.7 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*69.7 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.1 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*74.6 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*53.4 %*	*24-116*

Sample Information

Client Sample ID: **SB110_29-30** **York Sample ID:** **18A0702-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/23/2018 08:24	01/23/2018 20:20	SR
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00861	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0871	5	EPA 8081B	01/23/2018 14:03	01/24/2018 15:02	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	01/23/2018 14:03	01/24/2018 17:45	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	01/23/2018 14:03	01/24/2018 17:45	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	01/23/2018 14:03	01/24/2018 17:45	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	01/23/2018 14:03	01/24/2018 17:45	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	01/23/2018 14:03	01/24/2018 17:45	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	01/23/2018 14:03	01/24/2018 17:45	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	01/23/2018 14:03	01/24/2018 17:45	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	01/23/2018 14:03	01/24/2018 17:45	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	01/24/2018 04:04	01/24/2018 14:19	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	01/24/2018 04:04	01/24/2018 14:19	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	01/24/2018 04:04	01/24/2018 14:19	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*135 %*	*30-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12900**		mg/kg dry	5.22	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**2.60**		mg/kg dry	0.522	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**6.68**		mg/kg dry	1.04	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**88.0**		mg/kg dry	1.04	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**4350**		mg/kg dry	5.22	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**27.4**		mg/kg dry	0.522	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**11.0**		mg/kg dry	0.522	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**54.4**		mg/kg dry	0.522	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**20300**		mg/kg dry	2.09	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**14.9**		mg/kg dry	0.522	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7770**		mg/kg dry	5.22	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**505**		mg/kg dry	0.522	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**34.1**		mg/kg dry	0.522	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**5110**		mg/kg dry	5.22	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.04	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**2410**		mg/kg dry	10.4	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**50.3**		mg/kg dry	1.04	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**96.7**		mg/kg dry	1.56	1	EPA 6010C	01/23/2018 10:05	01/26/2018 14:17	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0313	1	EPA 7473	01/23/2018 10:03	01/23/2018 13:12	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**95.9**		%	0.100	1	SM 2540G	01/26/2018 09:51	01/26/2018 12:27	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A	01/23/2018 09:28	01/23/2018 15:52	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**27.4**		mg/kg	0.500	1	Calculation	01/26/2018 12:35	01/26/2018 16:56	PAM
							Certifications:			

Sample Information

Client Sample ID: SB110_29-30 **York Sample ID:** 18A0702-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0702	170384501	Soil	January 19, 2018 12:10 pm	01/22/2018

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.522	1	EPA 9014/9010C	01/24/2018 08:09	01/24/2018 13:06	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BA80861 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/23/18
18A0702-02	SB110_29-30	01/23/18
BA80861-BLK1	Blank	01/23/18
BA80861-BLK1	Blank	01/23/18
BA80861-BS1	LCS	01/23/18

Batch ID: BA80866 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/23/18
BA80866-BLK1	Blank	01/23/18
BA80866-SRM1	Reference	01/23/18

Batch ID: BA80873 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/23/18
BA80873-BLK1	Blank	01/23/18
BA80873-SRM1	Reference	01/23/18

Batch ID: BA80874 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/23/18
BA80874-BLK1	Blank	01/23/18
BA80874-SRM1	Reference	01/23/18

Batch ID: BA80890 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/23/18
18A0702-02	SB110_29-30	01/23/18
BA80890-BLK1	Blank	01/23/18
BA80890-BLK2	Blank	01/23/18
BA80890-BS1	LCS	01/23/18
BA80890-BS2	LCS	01/23/18

Batch ID: BA80905 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/24/18
BA80905-BLK1	Blank	01/24/18

BA80905-BS1	LCS	01/24/18

Batch ID: BA80910 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/24/18
BA80910-BLK1	Blank	01/24/18
BA80910-SRM1	Reference	01/24/18

Batch ID: BA80933 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/24/18
BA80933-BLK1	Blank	01/24/18
BA80933-BLK2	Blank	01/24/18
BA80933-BS1	LCS	01/24/18
BA80933-BSD1	LCS Dup	01/24/18

Batch ID: BA81047 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/26/18

Batch ID: BA81074 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0702-02	SB110_29-30	01/26/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80933 - EPA 5035A											
Blank (BA80933-BLK1)											Prepared & Analyzed: 01/24/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0027	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80933 - EPA 5035A											
Blank (BA80933-BLK1)									Prepared & Analyzed: 01/24/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				
Blank (BA80933-BLK2)									Prepared & Analyzed: 01/24/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80933 - EPA 5035A											
Blank (BA80933-BLK2)											
Prepared & Analyzed: 01/24/2018											
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.1*		*"*	*50.0*		*92.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80933 - EPA 5035A											
LCS (BA80933-BS1)								Prepared & Analyzed: 01/24/2018			
1,1,1,2-Tetrachloroethane	51.9		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	51.7		"	50.0		103	71-137				
1,1,2,2-Tetrachloroethane	58.2		"	50.0		116	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.0		"	50.0		118	58-146				
1,1,2-Trichloroethane	51.6		"	50.0		103	83-123				
1,1-Dichloroethane	51.9		"	50.0		104	75-130				
1,1-Dichloroethylene	50.8		"	50.0		102	64-137				
1,2,3-Trichlorobenzene	46.9		"	50.0		93.8	81-140				
1,2,3-Trichloropropane	54.2		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	48.7		"	50.0		97.4	80-141				
1,2,4-Trimethylbenzene	54.8		"	50.0		110	84-125				
1,2-Dibromo-3-chloropropane	48.5		"	50.0		97.0	74-142				
1,2-Dibromoethane	50.1		"	50.0		100	86-123				
1,2-Dichlorobenzene	54.0		"	50.0		108	85-122				
1,2-Dichloroethane	50.5		"	50.0		101	71-133				
1,2-Dichloropropane	49.6		"	50.0		99.2	81-122				
1,3,5-Trimethylbenzene	52.4		"	50.0		105	82-126				
1,3-Dichlorobenzene	53.8		"	50.0		108	84-124				
1,4-Dichlorobenzene	52.1		"	50.0		104	84-124				
1,4-Dioxane	1120		"	1050		106	10-228				
2-Butanone	47.6		"	50.0		95.2	58-147				
2-Hexanone	48.2		"	50.0		96.4	70-139				
4-Methyl-2-pentanone	22.0		"	50.0		43.9	72-132	Low Bias			
Acetone	44.6		"	50.0		89.2	36-155				
Acrolein	15.0		"	50.0		30.0	10-238				
Acrylonitrile	48.9		"	50.0		97.9	66-141				
Benzene	51.8		"	50.0		104	77-127				
Bromochloromethane	47.9		"	50.0		95.8	74-129				
Bromodichloromethane	49.3		"	50.0		98.6	81-124				
Bromoform	48.2		"	50.0		96.5	80-136				
Bromomethane	59.7		"	50.0		119	32-177				
Carbon disulfide	56.2		"	50.0		112	10-136				
Carbon tetrachloride	54.6		"	50.0		109	66-143				
Chlorobenzene	50.9		"	50.0		102	86-120				
Chloroethane	57.2		"	50.0		114	51-142				
Chloroform	48.9		"	50.0		97.8	76-131				
Chloromethane	55.0		"	50.0		110	49-132				
cis-1,2-Dichloroethylene	51.2		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	51.8		"	50.0		104	81-129				
Cyclohexane	53.1		"	50.0		106	70-130				
Dibromochloromethane	50.5		"	50.0		101	10-200				
Dibromomethane	49.7		"	50.0		99.3	83-124				
Dichlorodifluoromethane	90.7		"	50.0		181	28-158	High Bias			
Ethyl Benzene	51.9		"	50.0		104	84-125				
Hexachlorobutadiene	47.9		"	50.0		95.8	83-133				
Isopropylbenzene	55.4		"	50.0		111	81-127				
Methyl acetate	42.5		"	50.0		85.1	41-143				
Methyl tert-butyl ether (MTBE)	52.2		"	50.0		104	74-131				
Methylcyclohexane	53.6		"	50.0		107	70-130				
Methylene chloride	48.6		"	50.0		97.1	57-141				
n-Butylbenzene	57.8		"	50.0		116	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80933 - EPA 5035A											
LCS (BA80933-BS1)								Prepared & Analyzed: 01/24/2018			
n-Propylbenzene	54.3		ug/L	50.0		109	74-136				
o-Xylene	52.8		"	50.0		106	83-123				
p- & m- Xylenes	102		"	100		102	82-128				
p-Isopropyltoluene	55.6		"	50.0		111	85-125				
sec-Butylbenzene	57.2		"	50.0		114	83-125				
Styrene	48.0		"	50.0		96.0	86-126				
tert-Butyl alcohol (TBA)	58.6		"	250		23.4	70-130	Low Bias			
tert-Butylbenzene	46.5		"	50.0		93.0	80-127				
Tetrachloroethylene	46.9		"	50.0		93.9	80-129				
Toluene	52.8		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	48.9		"	50.0		97.9	72-132				
trans-1,3-Dichloropropylene	49.8		"	50.0		99.6	78-132				
Trichloroethylene	53.9		"	50.0		108	84-123				
Trichlorofluoromethane	66.4		"	50.0		133	62-140				
Vinyl Chloride	60.1		"	50.0		120	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.4*	*77-125*				
Surrogate: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
LCS Dup (BA80933-BSD1)								Prepared & Analyzed: 01/24/2018			
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129		2.48	30	
1,1,1-Trichloroethane	52.4		"	50.0		105	71-137		1.27	30	
1,1,2,2-Tetrachloroethane	59.7		"	50.0		119	79-129		2.65	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.5		"	50.0		121	58-146		2.46	30	
1,1,2-Trichloroethane	51.6		"	50.0		103	83-123		0.0387	30	
1,1-Dichloroethane	53.4		"	50.0		107	75-130		2.81	30	
1,1-Dichloroethylene	51.6		"	50.0		103	64-137		1.76	30	
1,2,3-Trichlorobenzene	48.2		"	50.0		96.5	81-140		2.77	30	
1,2,3-Trichloropropane	56.1		"	50.0		112	81-126		3.39	30	
1,2,4-Trichlorobenzene	50.4		"	50.0		101	80-141		3.35	30	
1,2,4-Trimethylbenzene	55.4		"	50.0		111	84-125		1.11	30	
1,2-Dibromo-3-chloropropane	47.8		"	50.0		95.5	74-142		1.48	30	
1,2-Dibromoethane	51.5		"	50.0		103	86-123		2.85	30	
1,2-Dichlorobenzene	53.4		"	50.0		107	85-122		1.25	30	
1,2-Dichloroethane	51.3		"	50.0		103	71-133		1.47	30	
1,2-Dichloropropane	50.6		"	50.0		101	81-122		1.96	30	
1,3,5-Trimethylbenzene	53.7		"	50.0		107	82-126		2.40	30	
1,3-Dichlorobenzene	54.1		"	50.0		108	84-124		0.445	30	
1,4-Dichlorobenzene	52.7		"	50.0		105	84-124		1.16	30	
1,4-Dioxane	1140		"	1050		108	10-228		1.67	30	
2-Butanone	49.6		"	50.0		99.2	58-147		4.20	30	
2-Hexanone	48.1		"	50.0		96.1	70-139		0.249	30	
4-Methyl-2-pentanone	21.3		"	50.0		42.6	72-132	Low Bias	2.96	30	
Acetone	43.2		"	50.0		86.5	36-155		3.10	30	
Acrolein	16.2		"	50.0		32.4	10-238		7.56	30	
Acrylonitrile	52.1		"	50.0		104	66-141		6.28	30	
Benzene	53.1		"	50.0		106	77-127		2.59	30	
Bromochloromethane	50.8		"	50.0		102	74-129		5.88	30	
Bromodichloromethane	49.2		"	50.0		98.5	81-124		0.0812	30	
Bromoform	48.8		"	50.0		97.6	80-136		1.17	30	
Bromomethane	64.2		"	50.0		128	32-177		7.18	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80933 - EPA 5035A											
LCS Dup (BA80933-BSD1)								Prepared & Analyzed: 01/24/2018			
Carbon disulfide	58.2		ug/L	50.0		116	10-136		3.55	30	
Carbon tetrachloride	54.2		"	50.0		108	66-143		0.643	30	
Chlorobenzene	53.1		"	50.0		106	86-120		4.17	30	
Chloroethane	60.2		"	50.0		120	51-142		5.07	30	
Chloroform	52.1		"	50.0		104	76-131		6.26	30	
Chloromethane	56.7		"	50.0		113	49-132		3.08	30	
cis-1,2-Dichloroethylene	53.0		"	50.0		106	74-132		3.44	30	
cis-1,3-Dichloropropylene	50.0		"	50.0		99.9	81-129		3.64	30	
Cyclohexane	54.9		"	50.0		110	70-130		3.22	30	
Dibromochloromethane	50.1		"	50.0		100	10-200		0.815	30	
Dibromomethane	51.4		"	50.0		103	83-124		3.40	30	
Dichlorodifluoromethane	91.3		"	50.0		183	28-158	High Bias	0.714	30	
Ethyl Benzene	51.8		"	50.0		104	84-125		0.116	30	
Hexachlorobutadiene	49.6		"	50.0		99.2	83-133		3.41	30	
Isopropylbenzene	54.7		"	50.0		109	81-127		1.31	30	
Methyl acetate	42.6		"	50.0		85.1	41-143		0.0705	30	
Methyl tert-butyl ether (MTBE)	52.8		"	50.0		106	74-131		1.10	30	
Methylcyclohexane	53.8		"	50.0		108	70-130		0.391	30	
Methylene chloride	49.6		"	50.0		99.1	57-141		2.06	30	
n-Butylbenzene	57.0		"	50.0		114	80-130		1.41	30	
n-Propylbenzene	54.2		"	50.0		108	74-136		0.240	30	
o-Xylene	53.0		"	50.0		106	83-123		0.302	30	
p- & m- Xylenes	105		"	100		105	82-128		2.40	30	
p-Isopropyltoluene	55.5		"	50.0		111	85-125		0.144	30	
sec-Butylbenzene	57.5		"	50.0		115	83-125		0.471	30	
Styrene	48.5		"	50.0		97.0	86-126		0.974	30	
tert-Butyl alcohol (TBA)	62.2		"	250		24.9	70-130	Low Bias	5.96	30	
tert-Butylbenzene	46.0		"	50.0		92.0	80-127		1.17	30	
Tetrachloroethylene	45.1		"	50.0		90.3	80-129		3.91	30	
Toluene	52.6		"	50.0		105	85-121		0.285	30	
trans-1,2-Dichloroethylene	51.0		"	50.0		102	72-132		4.12	30	
trans-1,3-Dichloropropylene	50.8		"	50.0		102	78-132		2.01	30	
Trichloroethylene	52.5		"	50.0		105	84-123		2.61	30	
Trichlorofluoromethane	67.8		"	50.0		136	62-140		2.12	30	
Vinyl Chloride	62.7		"	50.0		125	52-130		4.27	30	
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.7*	*77-125*				
Surrogate: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.1*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80861 - EPA 3550C											
Blank (BA80861-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared & Analyzed: 01/23/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80861 - EPA 3550C											
Blank (BA80861-BLK1)											Prepared & Analyzed: 01/23/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.74*		"	*2.55*		*68.1*	*20-108*				
Surrogate: Phenol-d5	*1.85*		"	*2.59*		*71.3*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.35*		"	*1.81*		*74.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.17*		"	*1.76*		*66.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.06*		"	*2.59*		*79.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.04*		"	*1.69*		*61.7*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80861 - EPA 3550C											
LCS (BA80861-BS1)							Prepared & Analyzed: 01/23/2018				
1,1-Biphenyl	0.640	0.0417	mg/kg wet	0.833		76.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.664	0.0833	"	0.833		79.7	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.666	0.0417	"	0.833		79.9	17-137				
2,3,4,6-Tetrachlorophenol	1.67	0.0833	"	0.833		200	30-130	High Bias			
2,4,5-Trichlorophenol	0.708	0.0417	"	0.833		85.0	27-118				
2,4,6-Trichlorophenol	0.717	0.0417	"	0.833		86.0	31-120				
2,4-Dichlorophenol	0.717	0.0417	"	0.833		86.1	20-127				
2,4-Dimethylphenol	0.721	0.0417	"	0.833		86.6	14-132				
2,4-Dinitrophenol	0.638	0.0833	"	0.833		76.5	10-171				
2,4-Dinitrotoluene	0.719	0.0417	"	0.833		86.2	34-131				
2,6-Dinitrotoluene	0.700	0.0417	"	0.833		84.0	31-128				
2-Chloronaphthalene	0.613	0.0417	"	0.833		73.5	31-117				
2-Chlorophenol	0.601	0.0417	"	0.833		72.1	33-113				
2-Methylnaphthalene	0.691	0.0417	"	0.833		83.0	12-138				
2-Methylphenol	0.571	0.0417	"	0.833		68.5	10-136				
2-Nitroaniline	0.716	0.0833	"	0.833		86.0	27-132				
2-Nitrophenol	0.665	0.0417	"	0.833		79.8	17-129				
3- & 4-Methylphenols	0.580	0.0417	"	0.833		69.6	29-103				
3,3-Dichlorobenzidine	1.02	0.0417	"	0.833		123	22-149				
3-Nitroaniline	0.663	0.0833	"	0.833		79.6	20-133				
4,6-Dinitro-2-methylphenol	0.649	0.0833	"	0.833		77.9	10-143				
4-Bromophenyl phenyl ether	0.725	0.0417	"	0.833		87.0	29-120				
4-Chloro-3-methylphenol	0.751	0.0417	"	0.833		90.1	24-129				
4-Chloroaniline	0.586	0.0417	"	0.833		70.3	10-132				
4-Chlorophenyl phenyl ether	0.697	0.0417	"	0.833		83.7	27-124				
4-Nitroaniline	0.812	0.0833	"	0.833		97.4	16-128				
4-Nitrophenol	0.707	0.0833	"	0.833		84.9	10-141				
Acenaphthene	0.641	0.0417	"	0.833		76.9	30-121				
Acenaphthylene	0.635	0.0417	"	0.833		76.2	30-115				
Acetophenone	0.573	0.0417	"	0.833		68.8	20-112				
Aniline	0.442	0.167	"	0.833		53.0	10-119				
Anthracene	0.742	0.0417	"	0.833		89.0	34-118				
Atrazine	0.706	0.0417	"	0.833		84.8	26-112				
Benzaldehyde	0.593	0.0417	"	0.833		71.2	21-100				
Benzo(a)anthracene	0.760	0.0417	"	0.833		91.2	32-122				
Benzo(a)pyrene	0.784	0.0417	"	0.833		94.1	29-133				
Benzo(b)fluoranthene	0.761	0.0417	"	0.833		91.3	25-133				
Benzo(g,h,i)perylene	0.783	0.0417	"	0.833		93.9	10-143				
Benzo(k)fluoranthene	0.750	0.0417	"	0.833		90.0	25-128				
Benzoic acid	0.817	0.0417	"	0.967		84.5	10-140				
Benzyl alcohol	0.634	0.0417	"	0.833		76.1	30-115				
Benzyl butyl phthalate	0.745	0.0417	"	0.833		89.4	26-126				
Bis(2-chloroethoxy)methane	0.739	0.0417	"	0.833		88.7	19-132				
Bis(2-chloroethyl)ether	0.535	0.0417	"	0.833		64.2	19-125				
Bis(2-chloroisopropyl)ether	0.661	0.0417	"	0.833		79.3	20-135				
Bis(2-ethylhexyl)phthalate	0.758	0.0417	"	0.833		90.9	10-155				
Caprolactam	0.798	0.0833	"	0.833		95.7	10-127				
Carbazole	0.904	0.0417	"	0.833		108	35-123				
Chrysene	0.736	0.0417	"	0.833		88.3	32-123				
Dibenzo(a,h)anthracene	0.735	0.0417	"	0.833		88.2	10-136				
Dibenzofuran	0.687	0.0417	"	0.833		82.5	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80861 - EPA 3550C											
LCS (BA80861-BS1)								Prepared & Analyzed: 01/23/2018			
Diethyl phthalate	0.721	0.0417	mg/kg wet	0.833		86.5	34-116				
Dimethyl phthalate	0.717	0.0417	"	0.833		86.0	35-124				
Di-n-butyl phthalate	0.727	0.0417	"	0.833		87.2	31-116				
Di-n-octyl phthalate	0.791	0.0417	"	0.833		95.0	26-136				
Diphenylamine	0.840	0.0833	"	0.833		101	40-140				
Fluoranthene	0.745	0.0417	"	0.833		89.4	33-122				
Fluorene	0.710	0.0417	"	0.833		85.2	29-123				
Hexachlorobenzene	0.705	0.0417	"	0.833		84.6	21-124				
Hexachlorobutadiene	0.621	0.0417	"	0.833		74.6	10-149				
Hexachlorocyclopentadiene	0.318	0.0417	"	0.833		38.2	10-129				
Hexachloroethane	0.530	0.0417	"	0.833		63.6	28-108				
Indeno(1,2,3-cd)pyrene	0.759	0.0417	"	0.833		91.0	10-135				
Isophorone	0.688	0.0417	"	0.833		82.6	20-132				
Naphthalene	0.646	0.0417	"	0.833		77.5	23-124				
Nitrobenzene	0.615	0.0417	"	0.833		73.8	13-132				
N-Nitrosodimethylamine	0.631	0.0417	"	0.833		75.7	11-129				
N-nitroso-di-n-propylamine	0.585	0.0417	"	0.833		70.2	24-119				
N-Nitrosodiphenylamine	0.846	0.0417	"	0.833		102	22-152				
Pentachlorophenol	0.935	0.0417	"	0.833		112	10-139				
Phenanthrene	0.716	0.0417	"	0.833		86.0	33-123				
Phenol	0.570	0.0417	"	0.833		68.4	23-115				
Pyrene	0.722	0.0417	"	0.833		86.6	32-130				
Pyridine	0.393	0.167	"	0.833		47.2	10-91				
Surrogate: 2-Fluorophenol	*1.68*		"	*2.55*		*65.8*	*20-108*				
Surrogate: Phenol-d5	*1.81*		"	*2.59*		*69.8*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.33*		"	*1.81*		*73.5*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.21*		"	*1.76*		*69.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.34*		"	*2.59*		*90.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.08*		"	*1.69*		*64.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80861 - EPA 3550C											
Blank (BA80861-BLK1)											Prepared & Analyzed: 01/23/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80890 - EPA 3550C											
Blank (BA80890-BLK1)											Prepared: 01/23/2018 Analyzed: 01/24/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0704*		*"*	*0.0667*		*106*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0601*		*"*	*0.0667*		*90.1*	*30-150*				
LCS (BA80890-BS1)											Prepared: 01/23/2018 Analyzed: 01/24/2018
4,4'-DDD	0.0291	0.000330	mg/kg wet	0.0333		87.4	40-140				
4,4'-DDE	0.0268	0.000330	"	0.0333		80.4	40-140				
4,4'-DDT	0.0278	0.000330	"	0.0333		83.3	40-140				
Aldrin	0.0309	0.000330	"	0.0333		92.8	40-140				
alpha-BHC	0.0320	0.000330	"	0.0333		95.9	40-140				
alpha-Chlordane	0.0291	0.000330	"	0.0333		87.3	40-140				
beta-BHC	0.0302	0.000330	"	0.0333		90.6	40-140				
delta-BHC	0.0324	0.000330	"	0.0333		97.1	40-140				
Dieldrin	0.0312	0.000330	"	0.0333		93.5	40-140				
Endosulfan I	0.0344	0.000330	"	0.0333		103	40-140				
Endosulfan II	0.0313	0.000330	"	0.0333		94.0	40-140				
Endosulfan sulfate	0.0307	0.000330	"	0.0333		92.0	40-140				
Endrin	0.0283	0.000330	"	0.0333		84.8	40-140				
Endrin aldehyde	0.0294	0.000330	"	0.0333		88.2	40-140				
Endrin ketone	0.0324	0.000330	"	0.0333		97.1	40-140				
gamma-BHC (Lindane)	0.0305	0.000330	"	0.0333		91.6	40-140				
gamma-Chlordane	0.0290	0.000330	"	0.0333		87.0	40-140				
Heptachlor	0.0274	0.000330	"	0.0333		82.1	40-140				
Heptachlor epoxide	0.0286	0.000330	"	0.0333		85.7	40-140				
Methoxychlor	0.0235	0.00165	"	0.0333		70.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0482*		*"*	*0.0667*		*72.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0501*		*"*	*0.0667*		*75.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8A2501 - BL70213											
Performance Mix (Y8A2501-PEM1)								Prepared & Analyzed: 01/24/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.588		"	0.00			0-200				
4,4'-DDT	119		"	200		59.3	0-200				
Endrin	98.0		"	100		98.0	0-200				
Endrin aldehyde	1.14		"	0.00			0-200				
Endrin ketone	5.61		"	0.00			0-200				
Performance Mix (Y8A2501-PEM2)								Prepared & Analyzed: 01/24/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.705		"	0.00			0-200				
4,4'-DDT	149		"	200		74.5	0-200				
Endrin	115		"	100		115	0-200				
Endrin aldehyde	1.54		"	0.00			0-200				
Endrin ketone	6.85		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80890 - EPA 3550C											
Blank (BA80890-BLK2)											Prepared: 01/23/2018 Analyzed: 01/24/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0673*		*"*	*0.0667*		*101*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0523*		*"*	*0.0667*		*78.5*	*30-140*				
LCS (BA80890-BS2)											Prepared: 01/23/2018 Analyzed: 01/24/2018
Aroclor 1016	0.337	0.0167	mg/kg wet	0.333		101	40-130				
Aroclor 1260	0.318	0.0167	"	0.333		95.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0527*		*"*	*0.0667*		*79.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0460*		*"*	*0.0667*		*69.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80905 - EPA 3550B/8151A											
Blank (BA80905-BLK1)											Prepared & Analyzed: 01/24/2018
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.647*		*"*	*0.500*		*129*	*30-150*				
LCS (BA80905-BS1)											Prepared & Analyzed: 01/24/2018
2,4,5-T	0.112	0.0200	mg/kg wet	0.160		70.0	40-140				
2,4,5-TP (Silvex)	0.126	0.0200	"	0.160		78.8	40-140				
2,4-D	0.129	0.0200	"	0.160		80.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.530*		*"*	*0.500*		*106*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80874 - EPA 3050B											
Blank (BA80874-BLK1)								Prepared & Analyzed: 01/23/2018			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA80874-SRM1)								Prepared & Analyzed: 01/23/2018			
Aluminum	6780	5.00	mg/kg wet	8090		83.8	49.8-149.6				
Antimony	97.8	0.500	"	99.3		98.5	0.5-207.5				
Arsenic	97.4	1.00	"	100		97.4	80.9-120				
Barium	225	1.00	"	217		103	81.6-118.4				
Beryllium	143	0.100	"	147		97.6	81.6-119.1				
Cadmium	79.3	0.300	"	83.7		94.7	81.2-118.9				
Calcium	5730	5.00	"	6010		95.3	80.9-119				
Chromium	98.5	0.500	"	107		92.1	77.5-121.5				
Cobalt	126	0.500	"	123		102	82.1-117.9				
Copper	171	0.500	"	166		103	80.7-118.7				
Iron	12100	2.00	"	14600		82.9	45.1-154.8				
Lead	87.6	0.500	"	88.4		99.1	81.2-118.8				
Magnesium	2740	5.00	"	2930		93.4	74.7-125.3				
Manganese	504	0.500	"	311		162	80.1-119.9	High Bias			
Nickel	57.0	0.500	"	49.8		114	80.9-118.9				
Potassium	2420	5.00	"	2620		92.4	69.1-130.9				
Selenium	86.9	1.00	"	87.7		99.0	76.1-124.3				
Silver	43.1	0.500	"	41.4		104	73.7-126.1				
Sodium	118	10.0	"	252		46.9	69.1-131.4	Low Bias			
Thallium	54.9	1.00	"	58.1		94.5	77.6-122.6				
Vanadium	130	1.00	"	140		92.7	76.4-122.9				
Zinc	142	1.50	"	145		98.0	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80873 - EPA 7473 soil											
Blank (BA80873-BLK1)									Prepared & Analyzed: 01/23/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BA80873-SRM1)									Prepared & Analyzed: 01/23/2018		
Mercury	14.056		mg/kg	13.8		102	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80866 - EPA SW846-3060											
Blank (BA80866-BLK1)								Prepared & Analyzed: 01/23/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA80866-SRM1)								Prepared & Analyzed: 01/23/2018			
Chromium, Hexavalent	84.7		mg/L	207		40.9	25.6-116.9				
Batch BA80910 - Analysis Preparation Soil											
Blank (BA80910-BLK1)								Prepared & Analyzed: 01/24/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA80910-SRM1)								Prepared & Analyzed: 01/24/2018			
Cyanide, total	49.5		ug/mL	62.8		78.8	22.5-110				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0702-02	SB110_29-30	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0702

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: //
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: //
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170394501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB110-26-28	01/22/18 1155	S	TCL+30 VOCs+sVOCs, pest, herb, PCBs, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4 40mL, 2 4oz
SB110-29-30	01/22/18 1210	S	TCL+30 VOCs+sVOCs, pest, herb, PCBs, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 4oz

Comments

Preservation Check those Applicable
4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 01/22/18 1400
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 11/22/18 1400
Samples Received in LAB by — Date/Time: 11/22/18 1759

Temperature on Receipt 1.3 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0783

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0783

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 23, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0783-01	SB103_3-4	Soil	01/23/2018	01/23/2018
18A0783-02	SB103_8-10	Soil	01/23/2018	01/23/2018
18A0783-04	SB103A_15-16	Soil	01/23/2018	01/23/2018

General Notes for York Project (SDG) No.: 18A0783

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

Approved By:

Date: 01/30/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.17	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0084	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0047**	J	mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0084	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.5 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*92.9 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/25/2018 07:30	01/25/2018 14:45	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.0818**	J	mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.194**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.217**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.608**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.89**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**1.66**	CCV-E	mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.28**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.09**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.22**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0510**	J	mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.239**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.79**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.239**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.164**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0939	0.188	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**4.61**		mg/kg dry	0.118	0.235	5	EPA 8270D	01/24/2018 12:40	01/26/2018 14:39	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.242**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.989**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.154**		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**4.01**		mg/kg dry	0.118	0.235	5	EPA 8270D	01/24/2018 12:40	01/26/2018 14:39	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0471	0.0939	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**5.11**		mg/kg dry	0.118	0.235	5	EPA 8270D	01/24/2018 12:40	01/26/2018 14:39	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*64.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*74.4 %*	*23-114*

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*79.6 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.8 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*90.5 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*58.0 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Anthracendione isomer**	**375**		ug/kg dry			2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:			
NA	**Benz, anthracen-one isomer**	**450**		ug/kg dry			2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:			
NA	**unknown PAH**	**3230**		ug/kg dry			2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:23	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00421**		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.0224**		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0373	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**0.00313**		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00932	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0943	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:40	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*101 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	01/24/2018 12:34	01/25/2018 14:51	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	01/24/2018 12:34	01/25/2018 14:51	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	01/24/2018 12:34	01/25/2018 14:51	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	01/24/2018 12:34	01/25/2018 14:51	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	01/24/2018 12:34	01/25/2018 14:51	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	01/24/2018 12:34	01/25/2018 14:51	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	01/24/2018 12:34	01/25/2018 14:51	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	01/24/2018 12:34	01/25/2018 14:51	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	01/26/2018 04:12	01/26/2018 18:09	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	01/26/2018 04:12	01/26/2018 18:09	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	01/26/2018 04:12	01/26/2018 18:09	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*121 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9170**		mg/kg dry	5.65	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**1.66**		mg/kg dry	0.565	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**5.24**		mg/kg dry	1.13	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**424**		mg/kg dry	1.13	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.113	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.974**		mg/kg dry	0.339	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**20800**		mg/kg dry	5.65	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**19.7**		mg/kg dry	0.565	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	**Cobalt**	**7.20**		mg/kg dry	0.565	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**42.2**		mg/kg dry	0.565	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**13900**		mg/kg dry	2.26	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**730**		mg/kg dry	0.565	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**5100**		mg/kg dry	5.65	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**402**		mg/kg dry	0.565	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**28.1**		mg/kg dry	0.565	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1090**		mg/kg dry	5.65	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.76**		mg/kg dry	1.13	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.565	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**351**		mg/kg dry	11.3	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.13	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**26.7**		mg/kg dry	1.13	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**260**		mg/kg dry	1.69	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:42	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.573**		mg/kg dry	0.0339	1	EPA 7473	01/24/2018 09:07	01/24/2018 13:22	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.5**		%	0.100	1	SM 2540G	01/29/2018 10:05	01/29/2018 13:31	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB103_3-4 **York Sample ID:** 18A0783-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 10:50 am	01/23/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.587**		mg/kg dry	0.565	1	EPA 7196A	01/24/2018 10:19	01/24/2018 15:54	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**19.1**		mg/kg	0.500	1	Calculation	01/29/2018 15:39	01/30/2018 13:29	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.565	1	EPA 9014/9010C	01/25/2018 08:14	01/25/2018 16:09	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB103_8-10** **York Sample ID:** **18A0783-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.17	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0086	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0064**	J	mg/kg dry	0.0043	0.0086	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0086	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.6 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*92.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:17	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.12**		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*62.2 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*69.5 %*	*23-114*

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*76.8 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.3 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*82.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*68.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Unknown Aromatic**	**438**		ug/kg dry			2	EPA 8270D	01/24/2018 12:40	01/25/2018 15:54	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.00338**		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00900	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0911	5	EPA 8081B	01/24/2018 12:34	01/25/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:07	LAB
							Certifications:			

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	01/26/2018 04:12	01/26/2018 18:22	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	01/26/2018 04:12	01/26/2018 18:22	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	01/26/2018 04:12	01/26/2018 18:22	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*106 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4800**		mg/kg dry	5.47	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.22**		mg/kg dry	0.547	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.99**		mg/kg dry	1.09	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**46.9**		mg/kg dry	1.09	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.642**		mg/kg dry	0.328	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**6570**		mg/kg dry	5.47	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.1**		mg/kg dry	0.547	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.31**		mg/kg dry	0.547	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**38.6**		mg/kg dry	0.547	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**9210**		mg/kg dry	2.19	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**65.7**		mg/kg dry	0.547	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2960**		mg/kg dry	5.47	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**142**		mg/kg dry	0.547	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**30.2**		mg/kg dry	0.547	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**842**		mg/kg dry	5.47	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.16**		mg/kg dry	1.09	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**196**		mg/kg dry	10.9	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**14.3**		mg/kg dry	1.09	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**317**		mg/kg dry	1.64	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:50	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0489**		mg/kg dry	0.0328	1	EPA 7473	01/24/2018 09:07	01/24/2018 13:34	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.4**		%	0.100	1	SM 2540G	01/29/2018 10:05	01/29/2018 13:31	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB103_8-10 **York Sample ID:** 18A0783-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 11:00 am	01/23/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.547	1	EPA 7196A	01/24/2018 10:19	01/24/2018 15:54	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.1**		mg/kg	0.500	1	Calculation	01/29/2018 15:39	01/30/2018 13:29	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.547	1	EPA 9014/9010C	01/25/2018 08:14	01/25/2018 16:09	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB103A_15-16** **York Sample ID:** **18A0783-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.15	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0076	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0074**	SCAL-E, J	mg/kg dry	0.0038	0.0076	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0039**	J	mg/kg dry	0.0038	0.0076	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0076	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.4 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*93.7 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/25/2018 07:30	01/25/2018 15:49	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0901	0.180	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0857**	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0540**	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0828**	J	mg/kg dry	0.0451	0.0901	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	01/24/2018 12:40	01/25/2018 16:24	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*63.0 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*73.5 %*	*23-114*

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*77.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.2 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*80.5 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*64.6 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/24/2018 12:40	01/25/2018 16:24	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/24/2018 12:34	01/25/2018 13:10	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0356	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH	01/24/2018 12:34	01/25/2018 13:10	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2018 12:34	01/25/2018 13:10	SA

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	01/24/2018 12:34	01/25/2018 13:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	01/24/2018 12:34	01/25/2018 13:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	01/24/2018 12:34	01/25/2018 13:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	01/24/2018 12:34	01/25/2018 13:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	01/24/2018 12:34	01/25/2018 13:10	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	01/24/2018 12:34	01/25/2018 13:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	01/24/2018 12:34	01/25/2018 13:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00891	5	EPA 8081B	01/24/2018 12:34	01/25/2018 13:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0902	5	EPA 8081B	01/24/2018 12:34	01/25/2018 13:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*120 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	01/24/2018 12:34	01/25/2018 15:24	LAB
							Certifications:			

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0213	1	EPA 8151A	01/26/2018 04:12	01/26/2018 18:35	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0213	1	EPA 8151A	01/26/2018 04:12	01/26/2018 18:35	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0213	1	EPA 8151A	01/26/2018 04:12	01/26/2018 18:35	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*128 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5480**		mg/kg dry	5.40	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.957**		mg/kg dry	0.540	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.47**		mg/kg dry	1.08	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**49.8**		mg/kg dry	1.08	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.108	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.345**		mg/kg dry	0.324	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3190**		mg/kg dry	5.40	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.2**		mg/kg dry	0.540	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.540	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.5**		mg/kg dry	0.540	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**11700**		mg/kg dry	2.16	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**40.9**		mg/kg dry	0.540	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3070**		mg/kg dry	5.40	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**272**		mg/kg dry	0.540	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**38.9**		mg/kg dry	0.540	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1540**		mg/kg dry	5.40	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.08	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.540	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**233**		mg/kg dry	10.8	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.08	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**26.5**		mg/kg dry	1.08	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**50.6**		mg/kg dry	1.62	1	EPA 6010C	01/24/2018 10:11	01/29/2018 15:56	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0324	1	EPA 7473	01/24/2018 09:07	01/24/2018 13:43	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**		%	0.100	1	SM 2540G	01/29/2018 10:05	01/29/2018 13:31	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB103A_15-16 **York Sample ID:** 18A0783-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0783	170384501	Soil	January 23, 2018 12:00 pm	01/23/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.821**		mg/kg dry	0.540	1	EPA 7196A	01/24/2018 10:19	01/24/2018 15:54	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**17.4**		mg/kg	0.500	1	Calculation	01/29/2018 15:39	01/30/2018 13:29	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.540	1	EPA 9014/9010C	01/25/2018 08:14	01/25/2018 16:09	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BA80915 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/24/18
18A0783-02	SB103_8-10	01/24/18
18A0783-04	SB103A_15-16	01/24/18
BA80915-BLK1	Blank	01/24/18
BA80915-SRM1	Reference	01/24/18

Batch ID: BA80927 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/24/18
18A0783-02	SB103_8-10	01/24/18
18A0783-04	SB103A_15-16	01/24/18
BA80927-BLK1	Blank	01/24/18
BA80927-SRM1	Reference	01/24/18

Batch ID: BA80930 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/24/18
18A0783-02	SB103_8-10	01/24/18
18A0783-04	SB103A_15-16	01/24/18
BA80930-BLK1	Blank	01/24/18
BA80930-SRM1	Reference	01/24/18

Batch ID: BA80942 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/24/18
18A0783-01	SB103_3-4	01/24/18
18A0783-01RE1	SB103_3-4	01/24/18
18A0783-02	SB103_8-10	01/24/18
18A0783-02	SB103_8-10	01/24/18
18A0783-04	SB103A_15-16	01/24/18
18A0783-04	SB103A_15-16	01/24/18
BA80942-BLK1	Blank	01/24/18
BA80942-BLK1	Blank	01/24/18
BA80942-BS1	LCS	01/24/18

Batch ID: BA80943 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/24/18
18A0783-01	SB103_3-4	01/24/18

18A0783-02	SB103_8-10	01/24/18
18A0783-02	SB103_8-10	01/24/18
18A0783-04	SB103A_15-16	01/24/18
18A0783-04	SB103A_15-16	01/24/18
BA80943-BLK1	Blank	01/24/18
BA80943-BLK2	Blank	01/24/18
BA80943-BS1	LCS	01/24/18
BA80943-BS2	LCS	01/24/18
BA80943-MS1	Matrix Spike	01/24/18
BA80943-MS2	Matrix Spike	01/24/18
BA80943-MSD1	Matrix Spike Dup	01/24/18
BA80943-MSD2	Matrix Spike Dup	01/24/18

Batch ID: BA80975 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/25/18
18A0783-02	SB103_8-10	01/25/18
18A0783-04	SB103A_15-16	01/25/18
BA80975-BLK1	Blank	01/25/18
BA80975-BS1	LCS	01/25/18
BA80975-BSD1	LCS Dup	01/25/18

Batch ID: BA80981 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/25/18
18A0783-02	SB103_8-10	01/25/18
18A0783-04	SB103A_15-16	01/25/18
BA80981-BLK1	Blank	01/25/18
BA80981-SRM1	Reference	01/25/18

Batch ID: BA81026 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/26/18
18A0783-02	SB103_8-10	01/26/18
18A0783-04	SB103A_15-16	01/26/18
BA81026-BLK1	Blank	01/26/18
BA81026-BS1	LCS	01/26/18

Batch ID: BA81121 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/29/18
18A0783-02	SB103_8-10	01/29/18
18A0783-04	SB103A_15-16	01/29/18

Batch ID: BA81149 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0783-01	SB103_3-4	01/29/18
18A0783-02	SB103_8-10	01/29/18
18A0783-04	SB103A_15-16	01/29/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80975 - EPA 5035A											
Blank (BA80975-BLK1)											
Prepared & Analyzed: 01/25/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

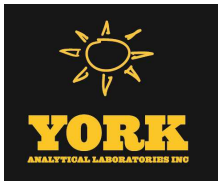
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80975 - EPA 5035A											
Blank (BA80975-BLK1)								Prepared & Analyzed: 01/25/2018			
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*43.8*		*ug/L*	*50.0*		*87.6*	*77-125*				
Surrogate: Toluene-d8	*46.9*		*"*	*50.0*		*93.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.7*	*76-130*				
LCS (BA80975-BS1)								Prepared & Analyzed: 01/25/2018			
1,1,1,2-Tetrachloroethane	47.8		ug/L	50.0		95.5	75-129				
1,1,1-Trichloroethane	51.1		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	47.2		"	50.0		94.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.9		"	50.0		108	58-146				
1,1,2-Trichloroethane	48.2		"	50.0		96.4	83-123				
1,1-Dichloroethane	54.7		"	50.0		109	75-130				
1,1-Dichloroethylene	52.2		"	50.0		104	64-137				
1,2,3-Trichlorobenzene	39.9		"	50.0		79.8	81-140	Low Bias			
1,2,3-Trichloropropane	45.5		"	50.0		91.0	81-126				
1,2,4-Trichlorobenzene	37.0		"	50.0		74.0	80-141	Low Bias			
1,2,4-Trimethylbenzene	44.0		"	50.0		88.1	84-125				
1,2-Dibromo-3-chloropropane	46.8		"	50.0		93.5	74-142				
1,2-Dibromoethane	46.4		"	50.0		92.8	86-123				
1,2-Dichlorobenzene	44.5		"	50.0		89.1	85-122				
1,2-Dichloroethane	51.9		"	50.0		104	71-133				
1,2-Dichloropropane	49.8		"	50.0		99.6	81-122				
1,3,5-Trimethylbenzene	43.9		"	50.0		87.7	82-126				
1,3-Dichlorobenzene	41.5		"	50.0		83.1	84-124	Low Bias			
1,4-Dichlorobenzene	41.7		"	50.0		83.3	84-124	Low Bias			
1,4-Dioxane	1110		"	1050		106	10-228				
2-Butanone	50.2		"	50.0		100	58-147				
2-Hexanone	44.3		"	50.0		88.5	70-139				
4-Methyl-2-pentanone	45.7		"	50.0		91.4	72-132				
Acetone	39.3		"	50.0		78.6	36-155				
Acrolein	23.1		"	50.0		46.2	10-238				
Acrylonitrile	54.0		"	50.0		108	66-141				
Benzene	53.6		"	50.0		107	77-127				
Bromochloromethane	54.0		"	50.0		108	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80975 - EPA 5035A											
LCS (BA80975-BS1)								Prepared & Analyzed: 01/25/2018			
Bromodichloromethane	46.0		ug/L	50.0		92.1	81-124				
Bromoform	41.3		"	50.0		82.7	80-136				
Bromomethane	55.8		"	50.0		112	32-177				
Carbon disulfide	55.6		"	50.0		111	10-136				
Carbon tetrachloride	49.8		"	50.0		99.6	66-143				
Chlorobenzene	46.4		"	50.0		92.9	86-120				
Chloroethane	63.7		"	50.0		127	51-142				
Chloroform	51.6		"	50.0		103	76-131				
Chloromethane	66.1		"	50.0		132	49-132				
cis-1,2-Dichloroethylene	52.6		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	45.5		"	50.0		91.1	81-129				
Cyclohexane	53.8		"	50.0		108	70-130				
Dibromochloromethane	46.2		"	50.0		92.5	10-200				
Dibromomethane	47.6		"	50.0		95.2	83-124				
Dichlorodifluoromethane	69.3		"	50.0		139	28-158				
Ethyl Benzene	48.4		"	50.0		96.7	84-125				
Hexachlorobutadiene	41.6		"	50.0		83.1	83-133				
Isopropylbenzene	45.0		"	50.0		89.9	81-127				
Methyl acetate	41.1		"	50.0		82.1	41-143				
Methyl tert-butyl ether (MTBE)	51.9		"	50.0		104	74-131				
Methylcyclohexane	47.9		"	50.0		95.7	70-130				
Methylene chloride	54.4		"	50.0		109	57-141				
n-Butylbenzene	42.8		"	50.0		85.6	80-130				
n-Propylbenzene	44.3		"	50.0		88.7	74-136				
o-Xylene	48.7		"	50.0		97.5	83-123				
p- & m- Xylenes	94.6		"	100		94.6	82-128				
p-Isopropyltoluene	44.0		"	50.0		87.9	85-125				
sec-Butylbenzene	46.9		"	50.0		93.8	83-125				
Styrene	46.0		"	50.0		91.9	86-126				
tert-Butyl alcohol (TBA)	245		"	250		98.1	70-130				
tert-Butylbenzene	45.7		"	50.0		91.4	80-127				
Tetrachloroethylene	42.8		"	50.0		85.5	80-129				
Toluene	48.6		"	50.0		97.2	85-121				
trans-1,2-Dichloroethylene	53.0		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	43.2		"	50.0		86.5	78-132				
Trichloroethylene	48.7		"	50.0		97.5	84-123				
Trichlorofluoromethane	59.9		"	50.0		120	62-140				
Vinyl Chloride	62.3		"	50.0		125	52-130				
Surrogate: 1,2-Dichloroethane-d4	*46.8*		*"*	*50.0*		*93.5*	*77-125*				
Surrogate: Toluene-d8	*47.0*		*"*	*50.0*		*94.0*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.9*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80975 - EPA 5035A											
LCS Dup (BA80975-BSD1)								Prepared & Analyzed: 01/25/2018			
1,1,1,2-Tetrachloroethane	47.9		ug/L	50.0		95.8	75-129		0.355	30	
1,1,1-Trichloroethane	50.7		"	50.0		101	71-137		0.708	30	
1,1,2,2-Tetrachloroethane	44.1		"	50.0		88.2	79-129		6.71	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.8		"	50.0		108	58-146		0.260	30	
1,1,2-Trichloroethane	47.8		"	50.0		95.5	83-123		0.917	30	
1,1-Dichloroethane	54.4		"	50.0		109	75-130		0.495	30	
1,1-Dichloroethylene	51.7		"	50.0		103	64-137		0.828	30	
1,2,3-Trichlorobenzene	42.4		"	50.0		84.9	81-140		6.22	30	
1,2,3-Trichloropropane	44.9		"	50.0		89.8	81-126		1.35	30	
1,2,4-Trichlorobenzene	40.5		"	50.0		81.0	80-141		9.04	30	
1,2,4-Trimethylbenzene	45.5		"	50.0		91.0	84-125		3.19	30	
1,2-Dibromo-3-chloropropane	46.3		"	50.0		92.6	74-142		1.05	30	
1,2-Dibromoethane	46.6		"	50.0		93.1	86-123		0.409	30	
1,2-Dichlorobenzene	45.2		"	50.0		90.4	85-122		1.43	30	
1,2-Dichloroethane	51.6		"	50.0		103	71-133		0.502	30	
1,2-Dichloropropane	50.3		"	50.0		101	81-122		0.959	30	
1,3,5-Trimethylbenzene	45.6		"	50.0		91.1	82-126		3.78	30	
1,3-Dichlorobenzene	43.7		"	50.0		87.5	84-124		5.16	30	
1,4-Dichlorobenzene	43.4		"	50.0		86.8	84-124		4.07	30	
1,4-Dioxane	1110		"	1050		106	10-228		0.0162	30	
2-Butanone	52.6		"	50.0		105	58-147		4.49	30	
2-Hexanone	44.7		"	50.0		89.5	70-139		1.08	30	
4-Methyl-2-pentanone	45.3		"	50.0		90.5	72-132		1.01	30	
Acetone	50.0		"	50.0		100	36-155		24.0	30	
Acrolein	24.7		"	50.0		49.4	10-238		6.73	30	
Acrylonitrile	53.3		"	50.0		107	66-141		1.29	30	
Benzene	53.1		"	50.0		106	77-127		0.806	30	
Bromochloromethane	53.9		"	50.0		108	74-129		0.297	30	
Bromodichloromethane	47.0		"	50.0		94.1	81-124		2.19	30	
Bromoform	40.0		"	50.0		80.0	80-136		3.25	30	
Bromomethane	54.4		"	50.0		109	32-177		2.56	30	
Carbon disulfide	56.7		"	50.0		113	10-136		1.92	30	
Carbon tetrachloride	49.8		"	50.0		99.5	66-143		0.0603	30	
Chlorobenzene	48.9		"	50.0		97.9	86-120		5.26	30	
Chloroethane	63.7		"	50.0		127	51-142		0.0628	30	
Chloroform	51.8		"	50.0		104	76-131		0.310	30	
Chloromethane	65.2		"	50.0		130	49-132		1.39	30	
cis-1,2-Dichloroethylene	52.4		"	50.0		105	74-132		0.305	30	
cis-1,3-Dichloropropylene	46.3		"	50.0		92.6	81-129		1.66	30	
Cyclohexane	53.8		"	50.0		108	70-130		0.0744	30	
Dibromochloromethane	47.2		"	50.0		94.4	10-200		2.03	30	
Dibromomethane	47.7		"	50.0		95.5	83-124		0.273	30	
Dichlorodifluoromethane	70.1		"	50.0		140	28-158		1.11	30	
Ethyl Benzene	49.1		"	50.0		98.1	84-125		1.44	30	
Hexachlorobutadiene	43.3		"	50.0		86.6	83-133		4.12	30	
Isopropylbenzene	45.0		"	50.0		90.0	81-127		0.0890	30	
Methyl acetate	41.2		"	50.0		82.5	41-143		0.462	30	
Methyl tert-butyl ether (MTBE)	52.1		"	50.0		104	74-131		0.269	30	
Methylcyclohexane	49.2		"	50.0		98.5	70-130		2.80	30	
Methylene chloride	54.5		"	50.0		109	57-141		0.165	30	
n-Butylbenzene	45.0		"	50.0		90.1	80-130		5.12	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80975 - EPA 5035A											
LCS Dup (BA80975-BSD1)								Prepared & Analyzed: 01/25/2018			
n-Propylbenzene	46.6		ug/L	50.0		93.2	74-136		4.99	30	
o-Xylene	49.9		"	50.0		99.7	83-123		2.29	30	
p- & m- Xylenes	96.8		"	100		96.8	82-128		2.34	30	
p-Isopropyltoluene	45.8		"	50.0		91.7	85-125		4.17	30	
sec-Butylbenzene	48.1		"	50.0		96.3	83-125		2.61	30	
Styrene	47.4		"	50.0		94.9	86-126		3.21	30	
tert-Butyl alcohol (TBA)	245		"	250		98.0	70-130		0.0775	30	
tert-Butylbenzene	46.3		"	50.0		92.5	80-127		1.26	30	
Tetrachloroethylene	45.3		"	50.0		90.5	80-129		5.66	30	
Toluene	49.4		"	50.0		98.8	85-121		1.57	30	
trans-1,2-Dichloroethylene	53.6		"	50.0		107	72-132		1.24	30	
trans-1,3-Dichloropropylene	44.1		"	50.0		88.2	78-132		2.02	30	
Trichloroethylene	51.8		"	50.0		104	84-123		6.16	30	
Trichlorofluoromethane	59.3		"	50.0		119	62-140		0.990	30	
Vinyl Chloride	62.3		"	50.0		125	52-130		0.0481	30	
Surrogate: 1,2-Dichloroethane-d4	*45.6*		*"*	*50.0*		*91.3*	*77-125*				
Surrogate: Toluene-d8	*46.7*		*"*	*50.0*		*93.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.1*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)											
Prepared: 01/24/2018 Analyzed: 01/25/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.89*		"	*2.55*		*74.1*	*20-108*				
Surrogate: Phenol-d5	*2.10*		"	*2.59*		*81.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.64*		"	*1.81*		*90.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.30*		"	*1.76*		*74.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.24*		"	*2.59*		*86.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.11*		"	*1.69*		*66.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
LCS (BA80942-BS1)								Prepared: 01/24/2018 Analyzed: 01/25/2018			
1,1-Biphenyl	0.694	0.0417	mg/kg wet	0.833		83.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.761	0.0833	"	0.833		91.4	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.683	0.0417	"	0.833		81.9	17-137				
2,3,4,6-Tetrachlorophenol	0.644	0.0833	"	0.833		77.2	30-130				
2,4,5-Trichlorophenol	0.807	0.0417	"	0.833		96.8	27-118				
2,4,6-Trichlorophenol	0.770	0.0417	"	0.833		92.4	31-120				
2,4-Dichlorophenol	0.781	0.0417	"	0.833		93.8	20-127				
2,4-Dimethylphenol	0.778	0.0417	"	0.833		93.3	14-132				
2,4-Dinitrophenol	0.784	0.0833	"	0.833		94.1	10-171				
2,4-Dinitrotoluene	0.764	0.0417	"	0.833		91.6	34-131				
2,6-Dinitrotoluene	0.779	0.0417	"	0.833		93.5	31-128				
2-Chloronaphthalene	0.589	0.0417	"	0.833		70.6	31-117				
2-Chlorophenol	0.670	0.0417	"	0.833		80.4	33-113				
2-Methylnaphthalene	0.788	0.0417	"	0.833		94.6	12-138				
2-Methylphenol	0.751	0.0417	"	0.833		90.1	10-136				
2-Nitroaniline	0.817	0.0833	"	0.833		98.1	27-132				
2-Nitrophenol	0.844	0.0417	"	0.833		101	17-129				
3- & 4-Methylphenols	0.693	0.0417	"	0.833		83.1	29-103				
3,3-Dichlorobenzidine	0.663	0.0417	"	0.833		79.6	22-149				
3-Nitroaniline	0.528	0.0833	"	0.833		63.4	20-133				
4,6-Dinitro-2-methylphenol	0.850	0.0833	"	0.833		102	10-143				
4-Bromophenyl phenyl ether	0.735	0.0417	"	0.833		88.2	29-120				
4-Chloro-3-methylphenol	0.899	0.0417	"	0.833		108	24-129				
4-Chloroaniline	0.473	0.0417	"	0.833		56.8	10-132				
4-Chlorophenyl phenyl ether	0.747	0.0417	"	0.833		89.6	27-124				
4-Nitroaniline	0.696	0.0833	"	0.833		83.5	16-128				
4-Nitrophenol	0.952	0.0833	"	0.833		114	10-141				
Acenaphthene	0.712	0.0417	"	0.833		85.4	30-121				
Acenaphthylene	0.660	0.0417	"	0.833		79.2	30-115				
Acetophenone	0.771	0.0417	"	0.833		92.6	20-112				
Aniline	0.563	0.167	"	0.833		67.5	10-119				
Anthracene	0.715	0.0417	"	0.833		85.8	34-118				
Atrazine	0.886	0.0417	"	0.833		106	26-112				
Benzaldehyde	0.720	0.0417	"	0.833		86.4	21-100				
Benzo(a)anthracene	0.842	0.0417	"	0.833		101	32-122				
Benzo(a)pyrene	0.820	0.0417	"	0.833		98.4	29-133				
Benzo(b)fluoranthene	0.757	0.0417	"	0.833		90.8	25-133				
Benzo(g,h,i)perylene	0.709	0.0417	"	0.833		85.1	10-143				
Benzo(k)fluoranthene	0.736	0.0417	"	0.833		88.4	25-128				
Benzoic acid	0.431	0.0417	"	0.967		44.6	10-140				
Benzyl alcohol	0.726	0.0417	"	0.833		87.2	30-115				
Benzyl butyl phthalate	0.884	0.0417	"	0.833		106	26-126				
Bis(2-chloroethoxy)methane	0.841	0.0417	"	0.833		101	19-132				
Bis(2-chloroethyl)ether	0.671	0.0417	"	0.833		80.6	19-125				
Bis(2-chloroisopropyl)ether	0.724	0.0417	"	0.833		86.8	20-135				
Bis(2-ethylhexyl)phthalate	0.884	0.0417	"	0.833		106	10-155				
Caprolactam	0.933	0.0833	"	0.833		112	10-127				
Carbazole	0.626	0.0417	"	0.833		75.1	35-123				
Chrysene	0.720	0.0417	"	0.833		86.4	32-123				
Dibenzo(a,h)anthracene	0.757	0.0417	"	0.833		90.8	10-136				
Dibenzofuran	0.728	0.0417	"	0.833		87.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
LCS (BA80942-BS1)									Prepared: 01/24/2018 Analyzed: 01/25/2018		
Diethyl phthalate	0.728	0.0417	mg/kg wet	0.833		87.3	34-116				
Dimethyl phthalate	0.731	0.0417	"	0.833		87.7	35-124				
Di-n-butyl phthalate	0.753	0.0417	"	0.833		90.3	31-116				
Di-n-octyl phthalate	0.904	0.0417	"	0.833		108	26-136				
Diphenylamine	0.896	0.0833	"	0.833		108	40-140				
Fluoranthene	0.781	0.0417	"	0.833		93.8	33-122				
Fluorene	0.738	0.0417	"	0.833		88.6	29-123				
Hexachlorobenzene	0.576	0.0417	"	0.833		69.2	21-124				
Hexachlorobutadiene	0.644	0.0417	"	0.833		77.2	10-149				
Hexachlorocyclopentadiene	0.430	0.0417	"	0.833		51.6	10-129				
Hexachloroethane	0.573	0.0417	"	0.833		68.8	28-108				
Indeno(1,2,3-cd)pyrene	0.760	0.0417	"	0.833		91.2	10-135				
Isophorone	0.684	0.0417	"	0.833		82.1	20-132				
Naphthalene	0.742	0.0417	"	0.833		89.0	23-124				
Nitrobenzene	0.654	0.0417	"	0.833		78.5	13-132				
N-Nitrosodimethylamine	0.528	0.0417	"	0.833		63.3	11-129				
N-nitroso-di-n-propylamine	0.721	0.0417	"	0.833		86.6	24-119				
N-Nitrosodiphenylamine	0.917	0.0417	"	0.833		110	22-152				
Pentachlorophenol	0.481	0.0417	"	0.833		57.8	10-139				
Phenanthrene	0.745	0.0417	"	0.833		89.4	33-123				
Phenol	0.708	0.0417	"	0.833		85.0	23-115				
Pyrene	0.772	0.0417	"	0.833		92.7	32-130				
Pyridine	0.427	0.167	"	0.833		51.3	10-91				
Surrogate: 2-Fluorophenol	*1.95*		"	*2.55*		*76.7*	*20-108*				
Surrogate: Phenol-d5	*2.23*		"	*2.59*		*86.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.66*		"	*1.81*		*91.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.40*		"	*1.76*		*79.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.54*		"	*2.59*		*98.4*	*19-110*				
Surrogate: Terphenyl-d14	*1.20*		"	*1.69*		*71.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80942 - EPA 3550C											
Blank (BA80942-BLK1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80943 - EPA 3550C											
Blank (BA80943-BLK1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0673*		*"*	*0.0667*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0667*		*83.5*	*30-150*				
LCS (BA80943-BS1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
4,4'-DDD	0.0286	0.000330	mg/kg wet	0.0333		85.9	40-140				
4,4'-DDE	0.0263	0.000330	"	0.0333		78.9	40-140				
4,4'-DDT	0.0285	0.000330	"	0.0333		85.4	40-140				
Aldrin	0.0288	0.000330	"	0.0333		86.4	40-140				
alpha-BHC	0.0296	0.000330	"	0.0333		88.7	40-140				
alpha-Chlordane	0.0281	0.000330	"	0.0333		84.2	40-140				
beta-BHC	0.0289	0.000330	"	0.0333		86.8	40-140				
delta-BHC	0.0310	0.000330	"	0.0333		93.0	40-140				
Dieldrin	0.0301	0.000330	"	0.0333		90.2	40-140				
Endosulfan I	0.0332	0.000330	"	0.0333		99.6	40-140				
Endosulfan II	0.0309	0.000330	"	0.0333		92.7	40-140				
Endosulfan sulfate	0.0307	0.000330	"	0.0333		92.1	40-140				
Endrin	0.0278	0.000330	"	0.0333		83.5	40-140				
Endrin aldehyde	0.0292	0.000330	"	0.0333		87.5	40-140				
Endrin ketone	0.0325	0.000330	"	0.0333		97.6	40-140				
gamma-BHC (Lindane)	0.0287	0.000330	"	0.0333		86.1	40-140				
gamma-Chlordane	0.0279	0.000330	"	0.0333		83.7	40-140				
Heptachlor	0.0258	0.000330	"	0.0333		77.5	40-140				
Heptachlor epoxide	0.0273	0.000330	"	0.0333		81.9	40-140				
Methoxychlor	0.0246	0.00165	"	0.0333		73.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0508*		*"*	*0.0667*		*76.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0464*		*"*	*0.0667*		*69.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80943 - EPA 3550C											
Matrix Spike (BA80943-MS1)	*Source sample: 18A0783-02 (SB103_8-10)							Prepared: 01/24/2018 Analyzed: 01/25/2018			
4,4'-DDD	0.0292	0.00181	mg/kg dry	0.0365	ND	80.0	30-150				
4,4'-DDE	0.0269	0.00181	"	0.0365	ND	73.7	30-150				
4,4'-DDT	0.0278	0.00181	"	0.0365	ND	76.2	30-150				
Aldrin	0.0306	0.00181	"	0.0365	ND	83.8	30-150				
alpha-BHC	0.0354	0.00181	"	0.0365	ND	97.1	30-150				
alpha-Chlordane	0.0367	0.00181	"	0.0365	0.00338	91.3	30-150				
beta-BHC	0.0370	0.00181	"	0.0365	ND	102	30-150				
delta-BHC	0.0323	0.00181	"	0.0365	ND	88.6	30-150				
Dieldrin	0.0353	0.00181	"	0.0365	ND	96.7	30-150				
Endosulfan I	0.0386	0.00181	"	0.0365	ND	106	30-150				
Endosulfan II	0.0362	0.00181	"	0.0365	ND	99.3	30-150				
Endosulfan sulfate	0.0344	0.00181	"	0.0365	ND	94.4	30-150				
Endrin	0.0348	0.00181	"	0.0365	ND	95.3	30-150				
Endrin aldehyde	0.0328	0.00181	"	0.0365	ND	89.8	30-150				
Endrin ketone	0.0386	0.00181	"	0.0365	ND	106	30-150				
gamma-BHC (Lindane)	0.0360	0.00181	"	0.0365	ND	98.6	30-150				
gamma-Chlordane	0.0347	0.00181	"	0.0365	ND	95.1	30-150				
Heptachlor	0.0327	0.00181	"	0.0365	ND	89.7	30-150				
Heptachlor epoxide	0.0359	0.00181	"	0.0365	ND	98.3	30-150				
Methoxychlor	0.0293	0.00903	"	0.0365	ND	80.4	30-150				
Surrogate: Decachlorobiphenyl	*0.0765*		*"*	*0.0730*		*105*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0665*		*"*	*0.0730*		*91.1*	*30-150*				
Matrix Spike Dup (BA80943-MSD1)	*Source sample: 18A0783-02 (SB103_8-10)							Prepared: 01/24/2018 Analyzed: 01/25/2018			
4,4'-DDD	0.0344	0.00181	mg/kg dry	0.0365	ND	94.3	30-150		16.4	30	
4,4'-DDE	0.0322	0.00181	"	0.0365	ND	88.4	30-150		18.1	30	
4,4'-DDT	0.0326	0.00181	"	0.0365	ND	89.3	30-150		15.8	30	
Aldrin	0.0360	0.00181	"	0.0365	ND	98.7	30-150		16.3	30	
alpha-BHC	0.0403	0.00181	"	0.0365	ND	110	30-150		12.8	30	
alpha-Chlordane	0.0424	0.00181	"	0.0365	0.00338	107	30-150		14.4	30	
beta-BHC	0.0408	0.00181	"	0.0365	ND	112	30-150		9.77	30	
delta-BHC	0.0355	0.00181	"	0.0365	ND	97.2	30-150		9.22	30	
Dieldrin	0.0404	0.00181	"	0.0365	ND	111	30-150		13.6	30	
Endosulfan I	0.0420	0.00181	"	0.0365	ND	115	30-150		8.45	30	
Endosulfan II	0.0411	0.00181	"	0.0365	ND	113	30-150		12.6	30	
Endosulfan sulfate	0.0386	0.00181	"	0.0365	ND	106	30-150		11.3	30	
Endrin	0.0394	0.00181	"	0.0365	ND	108	30-150		12.6	30	
Endrin aldehyde	0.0351	0.00181	"	0.0365	ND	96.3	30-150		6.98	30	
Endrin ketone	0.0426	0.00181	"	0.0365	ND	117	30-150		9.83	30	
gamma-BHC (Lindane)	0.0407	0.00181	"	0.0365	ND	111	30-150		12.3	30	
gamma-Chlordane	0.0399	0.00181	"	0.0365	ND	109	30-150		13.9	30	
Heptachlor	0.0375	0.00181	"	0.0365	ND	103	30-150		13.4	30	
Heptachlor epoxide	0.0406	0.00181	"	0.0365	ND	111	30-150		12.3	30	
Methoxychlor	0.0330	0.00903	"	0.0365	ND	90.5	30-150		11.9	30	
Surrogate: Decachlorobiphenyl	*0.0735*		*"*	*0.0730*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0696*		*"*	*0.0730*		*95.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)							Prepared & Analyzed: 11/27/2017				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8A2601 - BL70213											
Performance Mix (Y8A2601-PEM1)							Prepared & Analyzed: 01/25/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.769		"	0.00			0-200				
4,4'-DDT	118		"	200		59.2	0-200				
Endrin	96.8		"	100		96.8	0-200				
Endrin aldehyde	1.78		"	0.00			0-200				
Endrin ketone	6.32		"	0.00			0-200				
Performance Mix (Y8A2601-PEM2)							Prepared & Analyzed: 01/25/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.681		"	0.00			0-200				
4,4'-DDT	125		"	200		62.6	0-200				
Endrin	96.0		"	100		96.0	0-200				
Endrin aldehyde	1.52		"	0.00			0-200				
Endrin ketone	5.74		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80943 - EPA 3550C											
Blank (BA80943-BLK2)								Prepared: 01/24/2018 Analyzed: 01/25/2018			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0563*		*"*	*0.0667*		*84.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0650*		*"*	*0.0667*		*97.5*	*30-140*				
LCS (BA80943-BS2)								Prepared: 01/24/2018 Analyzed: 01/25/2018			
Aroclor 1016	0.345	0.0167	mg/kg wet	0.333		104	40-130				
Aroclor 1260	0.341	0.0167	"	0.333		102	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0473*		*"*	*0.0667*		*71.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0567*		*"*	*0.0667*		*85.0*	*30-140*				
Matrix Spike (BA80943-MS2)	*Source sample: 18A0783-02 (SB103_8-10)							Prepared: 01/24/2018 Analyzed: 01/25/2018			
Aroclor 1016	0.448	0.0182	mg/kg dry	0.365	ND	123	40-140				
Aroclor 1260	0.455	0.0182	"	0.365	ND	125	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0686*		*"*	*0.0730*		*94.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0814*		*"*	*0.0730*		*112*	*30-140*				
Matrix Spike Dup (BA80943-MSD2)	*Source sample: 18A0783-02 (SB103_8-10)							Prepared: 01/24/2018 Analyzed: 01/25/2018			
Aroclor 1016	0.428	0.0182	mg/kg dry	0.365	ND	117	40-140		4.53	50	
Aroclor 1260	0.406	0.0182	"	0.365	ND	111	40-140		11.5	50	
Surrogate: Tetrachloro-m-xylene	*0.0613*		*"*	*0.0730*		*84.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0697*		*"*	*0.0730*		*95.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81026 - EPA 3550B/8151A											
Blank (BA81026-BLK1)										Prepared & Analyzed: 01/26/2018	
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.660*		*"*	*0.500*		*132*	*30-150*				
LCS (BA81026-BS1)										Prepared & Analyzed: 01/26/2018	
2,4,5-T	0.113	0.0200	mg/kg wet	0.160		70.6	40-140				
2,4,5-TP (Silvex)	0.125	0.0200	"	0.160		78.1	40-140				
2,4-D	0.124	0.0200	"	0.160		77.5	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.518*		*"*	*0.500*		*104*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80927 - EPA 3050B											
Blank (BA80927-BLK1)											Prepared: 01/24/2018 Analyzed: 01/29/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA80927-SRM1)											Prepared: 01/24/2018 Analyzed: 01/25/2018
Aluminum	6680	5.00	mg/kg wet	8090		82.6	49.8-149.6				
Antimony	128	0.500	"	99.3		129	0.5-207.5				
Arsenic	94.0	1.00	"	100		94.0	80.9-120				
Barium	220	1.00	"	217		101	81.6-118.4				
Beryllium	141	0.100	"	147		95.8	81.6-119.1				
Cadmium	74.6	0.300	"	83.7		89.1	81.2-118.9				
Calcium	5780	5.00	"	6010		96.1	80.9-119				
Chromium	97.4	0.500	"	107		91.0	77.5-121.5				
Cobalt	118	0.500	"	123		95.5	82.1-117.9				
Copper	172	0.500	"	166		104	80.7-118.7				
Iron	12800	2.00	"	14600		87.9	45.1-154.8				
Lead	81.4	0.500	"	88.4		92.1	81.2-118.8				
Magnesium	2740	5.00	"	2930		93.3	74.7-125.3				
Manganese	315	0.500	"	311		101	80.1-119.9				
Nickel	51.0	0.500	"	49.8		102	80.9-118.9				
Potassium	2410	5.00	"	2620		91.9	69.1-130.9				
Selenium	80.3	1.00	"	87.7		91.6	76.1-124.3				
Silver	36.2	0.500	"	41.4		87.5	73.7-126.1				
Sodium	218	10.0	"	252		86.4	69.1-131.4				
Thallium	50.8	1.00	"	58.1		87.4	77.6-122.6				
Vanadium	132	1.00	"	140		94.6	76.4-122.9				
Zinc	133	1.50	"	145		92.0	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80915 - EPA 7473 soil											
Blank (BA80915-BLK1)									Prepared & Analyzed: 01/24/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BA80915-SRM1)									Prepared & Analyzed: 01/24/2018		
Mercury	13.974		mg/kg	13.8		101	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80930 - EPA SW846-3060											
Blank (BA80930-BLK1)										Prepared & Analyzed: 01/24/2018	
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA80930-SRM1)										Prepared & Analyzed: 01/24/2018	
Chromium, Hexavalent	86.5		mg/L	207		41.8	25.6-116.9				
Batch BA80981 - Analysis Preparation Soil											
Blank (BA80981-BLK1)										Prepared & Analyzed: 01/25/2018	
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA80981-SRM1)										Prepared & Analyzed: 01/25/2018	
Cyanide, total	39.5		ug/mL	62.8		62.9	22.5-110				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0783-01	SB103_3-4	40mL Vial with Stir Bar-Cool 4° C
18A0783-02	SB103_8-10	40mL Vial with Stir Bar-Cool 4° C
18A0783-04	SB103A_15-16	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0783

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST FL. NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDE KOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: "
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: "
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

1703E4501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes

S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB103_3-4	1050 1/23/18	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2oz
SB103_8-10	1100 1/23/18	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2oz
SB103_12-13	1155 1/23/18	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4 40mL, 2oz
SB103A_15-16	1200 1/23/18	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2oz

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	01/23/18 1515 Date/Time	Samples Received By	1/23/18 1515 Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by TC	1/23/18 1809 Date/Time

Temperature on Receipt 5.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/31/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0821

Report Date: 01/31/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0821

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 24, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0821-01	SB109_0-1	Soil	01/24/2018	01/24/2018
18A0821-02	SB109_7-8	Soil	01/24/2018	01/24/2018
18A0821-04	SB109_19-20	Soil	01/24/2018	01/24/2018
18A0821-05	SB109_22-24	Soil	01/24/2018	01/24/2018

General Notes for York Project (SDG) No.: 18A0821

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

Approved By:

Date: 01/31/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.29	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.014	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.051**	SCAL-E	mg/kg dry	0.0071	0.014	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0078**	J	mg/kg dry	0.0071	0.014	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.014	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.0074**		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.4 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*92.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/29/2018 07:30	01/29/2018 18:40	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.0656**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.365	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.228**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.240**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.191**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.167**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.169**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.331**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.222**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.348**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.132**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.131**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.238**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.489**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.365	2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*44.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*65.8 %*	*23-114*

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*75.5 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.4 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*10.0 %*	S-09		*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*64.9 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Unknown aliphatic hydrocarbon**	**510**		ug/kg dry			2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:			
NA	**unknown glycol ether**	**24800**		ug/kg dry			2	EPA 8270D	01/31/2018 08:18	01/31/2018 12:34	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00902	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0913	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:26	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	01/26/2018 13:52	01/29/2018 10:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	01/26/2018 13:52	01/29/2018 10:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	01/26/2018 13:52	01/29/2018 10:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	01/26/2018 13:52	01/29/2018 10:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	01/26/2018 13:52	01/29/2018 10:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	01/26/2018 13:52	01/29/2018 10:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	01/26/2018 13:52	01/29/2018 10:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	01/26/2018 13:52	01/29/2018 10:39	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	01/26/2018 04:12	01/26/2019 19:01	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	01/26/2018 04:12	01/26/2019 19:01	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	01/26/2018 04:12	01/26/2019 19:01	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*95.6 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12900**		mg/kg dry	5.47	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**2.76**		mg/kg dry	0.547	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**8.93**		mg/kg dry	1.09	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**113**		mg/kg dry	1.09	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.527**		mg/kg dry	0.328	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**54000**		mg/kg dry	5.47	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.5**		mg/kg dry	0.547	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.14**		mg/kg dry	0.547	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**45.5**	B	mg/kg dry	43.7	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14000**		mg/kg dry	2.19	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**192**		mg/kg dry	0.547	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4500**		mg/kg dry	5.47	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**296**		mg/kg dry	0.547	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**27.8**		mg/kg dry	0.547	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1050**	B	mg/kg dry	5.47	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**597**		mg/kg dry	10.9	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	1.09	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**67.7**		mg/kg dry	1.64	1	EPA 6010C	01/25/2018 09:42	01/25/2018 20:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.391**		mg/kg dry	0.0328	1	EPA 7473	01/25/2018 09:38	01/25/2018 10:45	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.5**		%	0.100	1	SM 2540G	01/31/2018 12:43	01/31/2018 16:06	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB109_0-1 **York Sample ID:** 18A0821-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 8:40 am	01/24/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.547	1	EPA 7196A	01/25/2018 10:57	01/25/2018 17:04	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**20.5**		mg/kg	0.500	1	Calculation	01/31/2018 12:39	01/31/2018 16:37	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.547	1	EPA 9014/9010C	01/30/2018 09:54	01/30/2018 16:17	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.17	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0087	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.074**	SCAL-E	mg/kg dry	0.0043	0.0087	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0065**	J	mg/kg dry	0.0043	0.0087	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0087	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.6 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*93.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.7 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:12	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	01/26/2018 13:47	01/29/2018 15:49	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*63.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*79.5 %*	*23-114*

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*93.8 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*75.1 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*88.7 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*70.8 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/26/2018 13:47	01/29/2018 15:49	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/26/2018 13:52	01/29/2018 16:40	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH	01/26/2018 13:52	01/29/2018 16:40	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:40	SA

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:40	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00882	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0893	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*125 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:04	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:04	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:04	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:04	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:04	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:04	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:04	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:04	LAB
							Certifications:			

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	01/26/2018 04:12	01/26/2018 19:14	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	01/26/2018 04:12	01/26/2018 19:14	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	01/26/2018 04:12	01/26/2018 19:14	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*102 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9040**		mg/kg dry	5.35	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.61**		mg/kg dry	0.535	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.64**		mg/kg dry	1.07	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**57.1**		mg/kg dry	1.07	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.321	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1040**		mg/kg dry	5.35	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.1**		mg/kg dry	0.535	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.67**		mg/kg dry	0.535	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/kg dry	42.8	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13800**		mg/kg dry	2.14	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.82**		mg/kg dry	0.535	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2710**		mg/kg dry	5.35	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**341**		mg/kg dry	0.535	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**31.5**		mg/kg dry	0.535	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1190**	B	mg/kg dry	5.35	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.535	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**147**		mg/kg dry	10.7	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.6**		mg/kg dry	1.07	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**38.3**		mg/kg dry	1.60	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473	01/25/2018 09:38	01/25/2018 10:51	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	1	SM 2540G	01/31/2018 12:43	01/31/2018 16:06	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB109_7-8 **York Sample ID:** 18A0821-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:30 am	01/24/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.535	1	EPA 7196A	01/25/2018 10:57	01/25/2018 17:04	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.1**		mg/kg	0.500	1	Calculation	01/31/2018 12:39	01/31/2018 16:37	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.535	1	EPA 9014/9010C	01/30/2018 09:54	01/30/2018 16:17	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB109_19-20** **York Sample ID:** **18A0821-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.19	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0093	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.071**	SCAL-E	mg/kg dry	0.0046	0.0093	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0062**	J	mg/kg dry	0.0046	0.0093	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0093	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.1 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*91.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.7 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/29/2018 07:30	01/29/2018 19:44	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.352	2	EPA 8270D	01/26/2018 13:47	01/29/2018 16:20	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*67.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*78.5 %*	*23-114*

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*85.6 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*75.8 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*95.3 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*65.1 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/26/2018 13:47	01/29/2018 16:20	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/26/2018 13:52	01/29/2018 16:55	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH	01/26/2018 13:52	01/29/2018 16:55	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 16:55	SA

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00867	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0878	5	EPA 8081B	01/26/2018 13:52	01/29/2018 16:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*115 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:28	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:28	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:28	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:28	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:28	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:28	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:28	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:28	LAB
							Certifications:			

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	01/26/2018 04:12	01/26/2018 19:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	01/26/2018 04:12	01/26/2018 19:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	01/26/2018 04:12	01/26/2018 19:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*122 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6590**		mg/kg dry	5.27	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.28**		mg/kg dry	0.527	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.06**		mg/kg dry	1.05	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**36.5**		mg/kg dry	1.05	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1760**		mg/kg dry	5.27	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.1**		mg/kg dry	0.527	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.75**		mg/kg dry	0.527	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/kg dry	42.2	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13100**		mg/kg dry	2.11	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.95**		mg/kg dry	0.527	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4200**		mg/kg dry	5.27	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**316**		mg/kg dry	0.527	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**38.7**		mg/kg dry	0.527	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1200**	B	mg/kg dry	5.27	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.05	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.527	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**191**		mg/kg dry	10.5	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.6**		mg/kg dry	1.05	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**51.9**		mg/kg dry	1.58	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	01/25/2018 09:38	01/25/2018 11:00	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.8**		%	0.100	1	SM 2540G	01/31/2018 12:43	01/31/2018 16:06	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB109_19-20 **York Sample ID:** 18A0821-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:50 am	01/24/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.527	1	EPA 7196A	01/25/2018 10:57	01/25/2018 17:04	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.1**		mg/kg	0.500	1	Calculation	01/31/2018 12:39	01/31/2018 16:37	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.527	1	EPA 9014/9010C	01/30/2018 09:54	01/30/2018 16:17	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.17	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0087	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.033**	SCAL-E	mg/kg dry	0.0044	0.0087	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0066**	J	mg/kg dry	0.0044	0.0087	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0087	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.9 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*90.9 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.4 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 14:23	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.353	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.353	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0442	0.0881	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.353	2	EPA 8270D	01/26/2018 13:47	01/29/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*53.1 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*61.4 %*	*23-114*

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*72.8 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.9 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*77.4 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*63.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/26/2018 13:47	01/29/2018 11:09	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/26/2018 13:52	01/29/2018 17:10	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0349	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH	01/26/2018 13:52	01/29/2018 17:10	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2018 13:52	01/29/2018 17:10	SA

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	01/26/2018 13:52	01/29/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	01/26/2018 13:52	01/29/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	01/26/2018 13:52	01/29/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	01/26/2018 13:52	01/29/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	01/26/2018 13:52	01/29/2018 17:10	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	01/26/2018 13:52	01/29/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	01/26/2018 13:52	01/29/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00872	5	EPA 8081B	01/26/2018 13:52	01/29/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0883	5	EPA 8081B	01/26/2018 13:52	01/29/2018 17:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*126 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:52	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	01/26/2018 13:52	01/29/2018 11:52	LAB
							Certifications:			

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	01/26/2018 04:12	01/26/2018 19:39	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	01/26/2018 04:12	01/26/2018 19:39	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	01/26/2018 04:12	01/26/2018 19:39	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*122 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5690**		mg/kg dry	5.28	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.54**		mg/kg dry	0.528	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.08**		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**43.7**		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.106	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2550**		mg/kg dry	5.28	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**21.1**		mg/kg dry	0.528	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.87**		mg/kg dry	0.528	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/kg dry	42.3	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**15100**		mg/kg dry	2.11	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.13**		mg/kg dry	0.528	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3910**		mg/kg dry	5.28	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**521**		mg/kg dry	0.528	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**43.9**		mg/kg dry	0.528	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1450**	B	mg/kg dry	5.28	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.528	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**272**		mg/kg dry	10.6	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.3**		mg/kg dry	1.06	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**39.3**		mg/kg dry	1.59	1	EPA 6010C	01/25/2018 09:42	01/25/2018 21:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0317	1	EPA 7473	01/25/2018 09:38	01/25/2018 10:13	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.6**		%	0.100	1	SM 2540G	01/31/2018 12:43	01/31/2018 16:06	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB109_22-24 **York Sample ID:** 18A0821-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0821	170384501	Soil	January 24, 2018 9:55 am	01/24/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	01/25/2018 10:57	01/25/2018 17:04	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**21.1**		mg/kg	0.500	1	Calculation	01/31/2018 12:39	01/31/2018 16:37	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.528	1	EPA 9014/9010C	01/30/2018 09:54	01/30/2018 16:17	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BA80987 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/25/18
18A0821-02	SB109_7-8	01/25/18
18A0821-04	SB109_19-20	01/25/18
18A0821-05	SB109_22-24	01/25/18
BA80987-BLK1	Blank	01/25/18
BA80987-DUP1	Duplicate	01/25/18
BA80987-MS1	Matrix Spike	01/25/18
BA80987-SRM1	Reference	01/25/18

Batch ID: BA80988 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/25/18
18A0821-02	SB109_7-8	01/25/18
18A0821-04	SB109_19-20	01/25/18
18A0821-05	SB109_22-24	01/25/18
BA80988-BLK1	Blank	01/25/18
BA80988-DUP1	Duplicate	01/25/18
BA80988-MS1	Matrix Spike	01/25/18
BA80988-SRM1	Reference	01/25/18

Batch ID: BA80996 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/25/18
18A0821-02	SB109_7-8	01/25/18
18A0821-04	SB109_19-20	01/25/18
18A0821-05	SB109_22-24	01/25/18
BA80996-BLK1	Blank	01/25/18
BA80996-DUP1	Duplicate	01/25/18
BA80996-MS1	Matrix Spike	01/25/18
BA80996-SRM1	Reference	01/25/18

Batch ID: BA81026 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/26/18
18A0821-02	SB109_7-8	01/26/18
18A0821-04	SB109_19-20	01/26/18
18A0821-05	SB109_22-24	01/26/18
BA81026-BLK1	Blank	01/26/18
BA81026-BS1	LCS	01/26/18
BA81026-MS1	Matrix Spike	01/26/18
BA81026-MSD1	Matrix Spike Dup	01/26/18

Batch ID: BA81076 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-02	SB109_7-8	01/26/18
18A0821-02	SB109_7-8	01/26/18
18A0821-04	SB109_19-20	01/26/18
18A0821-04	SB109_19-20	01/26/18
18A0821-05	SB109_22-24	01/26/18
18A0821-05	SB109_22-24	01/26/18
BA81076-BLK1	Blank	01/26/18
BA81076-BLK1	Blank	01/26/18
BA81076-BS1	LCS	01/26/18
BA81076-MS1	Matrix Spike	01/26/18
BA81076-MSD1	Matrix Spike Dup	01/26/18

Batch ID: BA81078 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/26/18
18A0821-01	SB109_0-1	01/26/18
18A0821-02	SB109_7-8	01/26/18
18A0821-02	SB109_7-8	01/26/18
18A0821-04	SB109_19-20	01/26/18
18A0821-04	SB109_19-20	01/26/18
18A0821-05	SB109_22-24	01/26/18
18A0821-05	SB109_22-24	01/26/18
BA81078-BLK1	Blank	01/26/18
BA81078-BLK2	Blank	01/26/18
BA81078-BS1	LCS	01/26/18
BA81078-BS2	LCS	01/26/18
BA81078-MS1	Matrix Spike	01/26/18
BA81078-MSD1	Matrix Spike Dup	01/26/18

Batch ID: BA81112 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/29/18
18A0821-02	SB109_7-8	01/29/18
18A0821-04	SB109_19-20	01/29/18
BA81112-BLK1	Blank	01/29/18
BA81112-BLK2	Blank	01/29/18
BA81112-BS1	LCS	01/29/18
BA81112-BSD1	LCS Dup	01/29/18
BA81112-MS1	Matrix Spike	01/29/18
BA81112-MSD1	Matrix Spike Dup	01/29/18

Batch ID: BA81191 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/30/18
18A0821-02	SB109_7-8	01/30/18
18A0821-04	SB109_19-20	01/30/18
18A0821-05	SB109_22-24	01/30/18
BA81191-BLK1	Blank	01/30/18
BA81191-BS1	LCS	01/30/18
BA81191-DUP1	Duplicate	01/30/18
BA81191-MS1	Matrix Spike	01/30/18

Batch ID: BA81243 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/31/18
18A0821-01	SB109_0-1	01/31/18
BA81243-BLK1	Blank	01/31/18
BA81243-BLK1	Blank	01/31/18
BA81243-BS1	LCS	01/31/18

Batch ID: BA81249 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-05	SB109_22-24	01/31/18
BA81249-BLK1	Blank	01/31/18
BA81249-BLK2	Blank	01/31/18
BA81249-BS1	LCS	01/31/18
BA81249-BSD1	LCS Dup	01/31/18
BA81249-MS1	Matrix Spike	01/31/18
BA81249-MSD1	Matrix Spike Dup	01/31/18

Batch ID: BA81276 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/31/18
18A0821-02	SB109_7-8	01/31/18
18A0821-04	SB109_19-20	01/31/18
18A0821-05	SB109_22-24	01/31/18

Batch ID: BA81277 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0821-01	SB109_0-1	01/31/18
18A0821-02	SB109_7-8	01/31/18
18A0821-04	SB109_19-20	01/31/18
18A0821-05	SB109_22-24	01/31/18
BA81277-DUP1	Duplicate	01/31/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81112 - EPA 5035A											
Blank (BA81112-BLK1)											Prepared & Analyzed: 01/29/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81112 - EPA 5035A											
Blank (BA81112-BLK1)									Prepared & Analyzed: 01/29/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*43.6*		*ug/L*	*50.0*		*87.3*	*77-125*				
Surrogate: Toluene-d8	*46.3*		*"*	*50.0*		*92.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.3*	*76-130*				
Blank (BA81112-BLK2)									Prepared & Analyzed: 01/29/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	20	"								
2-Butanone	ND	1.0	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81112 - EPA 5035A											
Blank (BA81112-BLK2)											
Prepared & Analyzed: 01/29/2018											
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*45.1*		*ug/L*	*50.0*		*90.2*	*77-125*				
Surrogate: Toluene-d8	*45.3*		*"*	*50.0*		*90.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81112 - EPA 5035A											
LCS (BA81112-BS1)								Prepared & Analyzed: 01/29/2018			
1,1,1,2-Tetrachloroethane	48.3		ug/L	50.0		96.7	75-129				
1,1,1-Trichloroethane	53.2		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	44.8		"	50.0		89.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.0		"	50.0		114	58-146				
1,1,2-Trichloroethane	46.8		"	50.0		93.6	83-123				
1,1-Dichloroethane	56.0		"	50.0		112	75-130				
1,1-Dichloroethylene	54.5		"	50.0		109	64-137				
1,2,3-Trichlorobenzene	43.9		"	50.0		87.8	81-140				
1,2,3-Trichloropropane	43.8		"	50.0		87.6	81-126				
1,2,4-Trichlorobenzene	45.6		"	50.0		91.3	80-141				
1,2,4-Trimethylbenzene	46.0		"	50.0		92.0	84-125				
1,2-Dibromo-3-chloropropane	44.5		"	50.0		89.1	74-142				
1,2-Dibromoethane	46.1		"	50.0		92.1	86-123				
1,2-Dichlorobenzene	46.5		"	50.0		93.1	85-122				
1,2-Dichloroethane	52.1		"	50.0		104	71-133				
1,2-Dichloropropane	49.5		"	50.0		98.9	81-122				
1,3,5-Trimethylbenzene	46.3		"	50.0		92.6	82-126				
1,3-Dichlorobenzene	45.8		"	50.0		91.6	84-124				
1,4-Dichlorobenzene	46.6		"	50.0		93.2	84-124				
1,4-Dioxane	1070		"	1050		102	10-228				
2-Butanone	50.4		"	50.0		101	58-147				
2-Hexanone	41.2		"	50.0		82.3	70-139				
4-Methyl-2-pentanone	42.7		"	50.0		85.4	72-132				
Acetone	41.9		"	50.0		83.8	36-155				
Acrolein	178		"	50.0		357	10-238	High Bias			
Acrylonitrile	52.7		"	50.0		105	66-141				
Benzene	54.9		"	50.0		110	77-127				
Bromochloromethane	54.6		"	50.0		109	74-129				
Bromodichloromethane	45.6		"	50.0		91.3	81-124				
Bromoform	42.5		"	50.0		85.1	80-136				
Bromomethane	56.4		"	50.0		113	32-177				
Carbon disulfide	61.1		"	50.0		122	10-136				
Carbon tetrachloride	53.8		"	50.0		108	66-143				
Chlorobenzene	48.6		"	50.0		97.3	86-120				
Chloroethane	63.7		"	50.0		127	51-142				
Chloroform	53.0		"	50.0		106	76-131				
Chloromethane	63.3		"	50.0		127	49-132				
cis-1,2-Dichloroethylene	54.3		"	50.0		109	74-132				
cis-1,3-Dichloropropylene	48.1		"	50.0		96.3	81-129				
Cyclohexane	55.6		"	50.0		111	70-130				
Dibromochloromethane	46.7		"	50.0		93.5	10-200				
Dibromomethane	46.4		"	50.0		92.8	83-124				
Dichlorodifluoromethane	72.4		"	50.0		145	28-158				
Ethyl Benzene	49.6		"	50.0		99.2	84-125				
Hexachlorobutadiene	46.4		"	50.0		92.7	83-133				
Isopropylbenzene	46.2		"	50.0		92.4	81-127				
Methyl acetate	37.9		"	50.0		75.9	41-143				
Methyl tert-butyl ether (MTBE)	52.9		"	50.0		106	74-131				
Methylcyclohexane	49.8		"	50.0		99.6	70-130				
Methylene chloride	53.5		"	50.0		107	57-141				
n-Butylbenzene	48.5		"	50.0		97.1	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81112 - EPA 5035A											
LCS (BA81112-BS1)								Prepared & Analyzed: 01/29/2018			
n-Propylbenzene	47.5		ug/L	50.0		95.0	74-136				
o-Xylene	48.5		"	50.0		97.0	83-123				
p- & m- Xylenes	98.7		"	100		98.7	82-128				
p-Isopropyltoluene	47.2		"	50.0		94.5	85-125				
sec-Butylbenzene	49.1		"	50.0		98.2	83-125				
Styrene	46.3		"	50.0		92.5	86-126				
tert-Butyl alcohol (TBA)	238		"	250		95.4	70-130				
tert-Butylbenzene	47.3		"	50.0		94.5	80-127				
Tetrachloroethylene	47.4		"	50.0		94.8	80-129				
Toluene	49.8		"	50.0		99.6	85-121				
trans-1,2-Dichloroethylene	55.0		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	46.2		"	50.0		92.5	78-132				
Trichloroethylene	49.9		"	50.0		99.8	84-123				
Trichlorofluoromethane	62.9		"	50.0		126	62-140				
Vinyl Chloride	63.3		"	50.0		127	52-130				
Surrogate: 1,2-Dichloroethane-d4	*45.9*		*"*	*50.0*		*91.9*	*77-125*				
Surrogate: Toluene-d8	*46.8*		*"*	*50.0*		*93.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BA81112-BSD1)								Prepared & Analyzed: 01/29/2018			
1,1,1,2-Tetrachloroethane	48.7		ug/L	50.0		97.3	75-129		0.680	30	
1,1,1-Trichloroethane	52.8		"	50.0		106	71-137		0.641	30	
1,1,2,2-Tetrachloroethane	43.6		"	50.0		87.2	79-129		2.72	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.5		"	50.0		113	58-146		0.917	30	
1,1,2-Trichloroethane	47.1		"	50.0		94.2	83-123		0.618	30	
1,1-Dichloroethane	54.7		"	50.0		109	75-130		2.42	30	
1,1-Dichloroethylene	53.8		"	50.0		108	64-137		1.29	30	
1,2,3-Trichlorobenzene	44.3		"	50.0		88.6	81-140		0.952	30	
1,2,3-Trichloropropane	43.0		"	50.0		86.0	81-126		1.84	30	
1,2,4-Trichlorobenzene	45.5		"	50.0		91.0	80-141		0.373	30	
1,2,4-Trimethylbenzene	46.1		"	50.0		92.1	84-125		0.0869	30	
1,2-Dibromo-3-chloropropane	44.3		"	50.0		88.5	74-142		0.608	30	
1,2-Dibromoethane	46.3		"	50.0		92.6	86-123		0.541	30	
1,2-Dichlorobenzene	46.4		"	50.0		92.7	85-122		0.344	30	
1,2-Dichloroethane	51.1		"	50.0		102	71-133		1.90	30	
1,2-Dichloropropane	49.0		"	50.0		98.1	81-122		0.832	30	
1,3,5-Trimethylbenzene	46.0		"	50.0		92.1	82-126		0.520	30	
1,3-Dichlorobenzene	45.8		"	50.0		91.6	84-124		0.0655	30	
1,4-Dichlorobenzene	45.8		"	50.0		91.5	84-124		1.80	30	
1,4-Dioxane	1100		"	1050		104	10-228		1.94	30	
2-Butanone	47.9		"	50.0		95.8	58-147		5.11	30	
2-Hexanone	41.1		"	50.0		82.2	70-139		0.195	30	
4-Methyl-2-pentanone	43.0		"	50.0		86.0	72-132		0.723	30	
Acetone	38.8		"	50.0		77.5	36-155		7.79	30	
Acrolein	172		"	50.0		345	10-238	High Bias	3.47	30	
Acrylonitrile	52.5		"	50.0		105	66-141		0.323	30	
Benzene	54.1		"	50.0		108	77-127		1.39	30	
Bromochloromethane	53.7		"	50.0		107	74-129		1.64	30	
Bromodichloromethane	45.9		"	50.0		91.8	81-124		0.568	30	
Bromoform	41.0		"	50.0		82.0	80-136		3.69	30	
Bromomethane	58.4		"	50.0		117	32-177		3.48	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81112 - EPA 5035A											
LCS Dup (BA81112-BSD1)								Prepared & Analyzed: 01/29/2018			
Carbon disulfide	59.2		ug/L	50.0		118	10-136		3.14	30	
Carbon tetrachloride	52.5		"	50.0		105	66-143		2.50	30	
Chlorobenzene	49.2		"	50.0		98.4	86-120		1.14	30	
Chloroethane	62.5		"	50.0		125	51-142		1.87	30	
Chloroform	52.7		"	50.0		105	76-131		0.625	30	
Chloromethane	66.0		"	50.0		132	49-132		4.22	30	
cis-1,2-Dichloroethylene	54.3		"	50.0		109	74-132		0.0368	30	
cis-1,3-Dichloropropylene	48.5		"	50.0		97.1	81-129		0.807	30	
Cyclohexane	55.4		"	50.0		111	70-130		0.360	30	
Dibromochloromethane	46.8		"	50.0		93.6	10-200		0.128	30	
Dibromomethane	46.5		"	50.0		93.0	83-124		0.301	30	
Dichlorodifluoromethane	73.1		"	50.0		146	28-158		0.893	30	
Ethyl Benzene	50.2		"	50.0		100	84-125		1.10	30	
Hexachlorobutadiene	46.4		"	50.0		92.7	83-133		0.00	30	
Isopropylbenzene	45.9		"	50.0		91.8	81-127		0.586	30	
Methyl acetate	41.4		"	50.0		82.7	41-143		8.65	30	
Methyl tert-butyl ether (MTBE)	51.9		"	50.0		104	74-131		1.91	30	
Methylcyclohexane	49.0		"	50.0		98.1	70-130		1.60	30	
Methylene chloride	54.1		"	50.0		108	57-141		1.25	30	
n-Butylbenzene	48.0		"	50.0		96.0	80-130		1.10	30	
n-Propylbenzene	46.4		"	50.0		92.8	74-136		2.30	30	
o-Xylene	50.4		"	50.0		101	83-123		3.84	30	
p- & m- Xylenes	99.1		"	100		99.1	82-128		0.445	30	
p-Isopropyltoluene	47.3		"	50.0		94.7	85-125		0.212	30	
sec-Butylbenzene	48.3		"	50.0		96.6	83-125		1.64	30	
Styrene	47.8		"	50.0		95.6	86-126		3.32	30	
tert-Butyl alcohol (TBA)	235		"	250		94.0	70-130		1.46	30	
tert-Butylbenzene	46.6		"	50.0		93.3	80-127		1.36	30	
Tetrachloroethylene	47.0		"	50.0		94.1	80-129		0.741	30	
Toluene	50.0		"	50.0		100	85-121		0.441	30	
trans-1,2-Dichloroethylene	54.2		"	50.0		108	72-132		1.47	30	
trans-1,3-Dichloropropylene	46.4		"	50.0		92.8	78-132		0.324	30	
Trichloroethylene	49.6		"	50.0		99.1	84-123		0.664	30	
Trichlorofluoromethane	61.6		"	50.0		123	62-140		2.02	30	
Vinyl Chloride	62.8		"	50.0		126	52-130		0.729	30	
Surrogate: 1,2-Dichloroethane-d4	*45.1*		*"*	*50.0*		*90.2*	*77-125*				
Surrogate: Toluene-d8	*46.8*		*"*	*50.0*		*93.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*98.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81112 - EPA 5035A											
Matrix Spike (BA81112-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/29/2018			
1,1,1,2-Tetrachloroethane	38.0		ug/L	50.0	0.00	76.1	15-161				
1,1,1-Trichloroethane	38.4		"	50.0	0.00	76.9	42-145				
1,1,2,2-Tetrachloroethane	38.9		"	50.0	0.00	77.9	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36.3		"	50.0	0.00	72.6	11-160				
1,1,2-Trichloroethane	39.6		"	50.0	0.00	79.2	44-145				
1,1-Dichloroethane	41.7		"	50.0	0.00	83.4	46-142				
1,1-Dichloroethylene	37.1		"	50.0	0.00	74.1	30-153				
1,2,3-Trichlorobenzene	27.6		"	50.0	0.00	55.2	10-157				
1,2,3-Trichloropropane	38.5		"	50.0	0.00	77.0	38-155				
1,2,4-Trichlorobenzene	25.0		"	50.0	0.00	49.9	10-151				
1,2,4-Trimethylbenzene	32.3		"	50.0	0.00	64.6	10-170				
1,2-Dibromo-3-chloropropane	39.8		"	50.0	0.00	79.6	36-138				
1,2-Dibromoethane	38.9		"	50.0	0.00	77.9	40-142				
1,2-Dichlorobenzene	33.2		"	50.0	0.00	66.5	10-147				
1,2-Dichloroethane	42.2		"	50.0	0.00	84.5	48-133				
1,2-Dichloropropane	38.9		"	50.0	0.00	77.8	47-141				
1,3,5-Trimethylbenzene	32.6		"	50.0	0.00	65.1	10-150				
1,3-Dichlorobenzene	30.4		"	50.0	0.00	60.9	10-144				
1,4-Dichlorobenzene	29.6		"	50.0	0.00	59.3	10-160				
1,4-Dioxane	1020		"	1050	0.00	97.5	10-191				
2-Butanone	46.1		"	50.0	0.00	92.2	10-189				
2-Hexanone	37.7		"	50.0	0.00	75.4	10-181				
4-Methyl-2-pentanone	38.7		"	50.0	0.00	77.3	10-166				
Acetone	58.7		"	50.0	23.3	70.9	10-196				
Acrolein	18.4		"	50.0	0.00	36.8	10-192				
Acrylonitrile	46.3		"	50.0	0.00	92.6	13-161				
Benzene	41.3		"	50.0	0.00	82.6	43-139				
Bromochloromethane	43.9		"	50.0	0.00	87.7	38-145				
Bromodichloromethane	36.3		"	50.0	0.00	72.6	38-147				
Bromoform	33.8		"	50.0	0.00	67.6	29-156				
Bromomethane	39.2		"	50.0	0.00	78.5	10-166				
Carbon disulfide	38.8		"	50.0	0.00	77.6	10-131				
Carbon tetrachloride	37.0		"	50.0	0.00	74.1	35-145				
Chlorobenzene	34.8		"	50.0	0.00	69.5	21-154				
Chloroethane	42.1		"	50.0	0.00	84.3	15-160				
Chloroform	41.0		"	50.0	0.00	82.1	47-142				
Chloromethane	35.6		"	50.0	0.00	71.3	10-159				
cis-1,2-Dichloroethylene	40.5		"	50.0	0.00	80.9	42-144				
cis-1,3-Dichloropropylene	37.5		"	50.0	0.00	75.0	18-159				
Cyclohexane	38.3		"	50.0	0.00	76.6	70-130				
Dibromochloromethane	37.8		"	50.0	0.00	75.5	10-179				
Dibromomethane	39.2		"	50.0	0.00	78.4	47-143				
Dichlorodifluoromethane	27.2		"	50.0	0.00	54.5	10-145				
Ethyl Benzene	35.9		"	50.0	0.00	71.8	11-158				
Hexachlorobutadiene	28.2		"	50.0	0.00	56.5	10-158				
Isopropylbenzene	32.8		"	50.0	0.00	65.6	10-162				
Methyl acetate	39.1		"	50.0	0.00	78.2	10-149				
Methyl tert-butyl ether (MTBE)	42.6		"	50.0	0.00	85.3	42-152				
Methylcyclohexane	32.5		"	50.0	0.00	65.0	70-130	Low Bias			
Methylene chloride	47.4		"	50.0	4.72	85.3	28-151				
n-Butylbenzene	29.6		"	50.0	0.00	59.1	10-162				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81112 - EPA 5035A											
Matrix Spike (BA81112-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/29/2018			
n-Propylbenzene	32.0		ug/L	50.0	0.00	64.0	10-155				
o-Xylene	36.7		"	50.0	0.00	73.5	10-158				
p- & m- Xylenes	69.6		"	100	0.00	69.6	10-156				
p-Isopropyltoluene	30.8		"	50.0	0.00	61.7	10-147				
sec-Butylbenzene	34.4		"	50.0	0.00	68.7	10-157				
Styrene	34.1		"	50.0	0.00	68.2	13-171				
tert-Butyl alcohol (TBA)	218		"	250	0.00	87.3	34-179				
tert-Butylbenzene	33.7		"	50.0	0.00	67.4	10-160				
Tetrachloroethylene	31.0		"	50.0	0.00	61.9	30-167				
Toluene	38.5		"	50.0	0.00	76.9	21-160				
trans-1,2-Dichloroethylene	38.3		"	50.0	0.00	76.6	29-153				
trans-1,3-Dichloropropylene	35.6		"	50.0	0.00	71.1	18-155				
Trichloroethylene	35.9		"	50.0	0.00	71.8	24-169				
Trichlorofluoromethane	40.2		"	50.0	0.00	80.5	35-142				
Vinyl Chloride	37.3		"	50.0	0.00	74.5	12-160				
Surrogate: 1,2-Dichloroethane-d4	*46.0*		*"*	*50.0*		*92.1*	*77-125*				
Surrogate: Toluene-d8	*46.0*		*"*	*50.0*		*92.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				
Matrix Spike Dup (BA81112-MSD1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/29/2018			
1,1,1,2-Tetrachloroethane	33.0		ug/L	50.0	0.00	66.1	15-161		14.1	33	
1,1,1-Trichloroethane	42.7		"	50.0	0.00	85.4	42-145		10.4	30	
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias	200	56	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.6		"	50.0	0.00	81.3	11-160		11.3	31	
1,1,2-Trichloroethane	29.4		"	50.0	0.00	58.9	44-145		29.3	40	
1,1-Dichloroethane	42.9		"	50.0	0.00	85.9	46-142		2.95	36	
1,1-Dichloroethylene	37.4		"	50.0	0.00	74.8	30-153		0.833	31	
1,2,3-Trichlorobenzene	6.21		"	50.0	0.00	12.4	10-157		126	47	Non-dir.
1,2,3-Trichloropropane	27.4		"	50.0	0.00	54.7	38-155		33.8	48	
1,2,4-Trichlorobenzene	4.75		"	50.0	0.00	9.50	10-151	Low Bias	136	52	Non-dir.
1,2,4-Trimethylbenzene	20.1		"	50.0	0.00	40.2	10-170		46.5	242	
1,2-Dibromo-3-chloropropane	22.3		"	50.0	0.00	44.6	36-138		56.4	54	Non-dir.
1,2-Dibromoethane	20.7		"	50.0	0.00	41.4	40-142		61.2	39	Non-dir.
1,2-Dichlorobenzene	13.7		"	50.0	0.00	27.4	10-147		83.2	52	Non-dir.
1,2-Dichloroethane	33.5		"	50.0	0.00	67.0	48-133		23.1	32	
1,2-Dichloropropane	35.0		"	50.0	0.00	70.0	47-141		10.6	37	
1,3,5-Trimethylbenzene	23.4		"	50.0	0.00	46.7	10-150		32.9	62	
1,3-Dichlorobenzene	11.4		"	50.0	0.00	22.9	10-144		90.7	51	Non-dir.
1,4-Dichlorobenzene	10.0		"	50.0	0.00	20.0	10-160		99.0	52	Non-dir.
1,4-Dioxane	955		"	1050	0.00	91.0	10-191		6.87	196	
2-Butanone	59.1		"	50.0	0.00	118	10-189		24.7	67	
2-Hexanone	34.4		"	50.0	0.00	68.8	10-181		9.18	60	
4-Methyl-2-pentanone	34.4		"	50.0	0.00	68.7	10-166		11.7	47	
Acetone	93.0		"	50.0	34.7	117	10-196		45.3	150	
Acrolein	16.9		"	50.0	0.00	33.8	10-192		8.61	128	
Acrylonitrile	44.4		"	50.0	0.00	88.8	13-161		4.19	48	
Benzene	39.1		"	50.0	0.00	78.2	43-139		5.42	64	
Bromochloromethane	35.6		"	50.0	0.00	71.2	38-145		20.8	30	
Bromodichloromethane	29.6		"	50.0	0.00	59.3	38-147		20.1	37	
Bromoform	21.0		"	50.0	0.00	42.0	29-156		46.8	51	
Bromomethane	39.0		"	50.0	0.00	78.0	10-166		0.690	42	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81112 - EPA 5035A											
Matrix Spike Dup (BA81112-MSD1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/29/2018			
Carbon disulfide	32.4		ug/L	50.0	0.00	64.7	10-131		18.1	36	
Carbon tetrachloride	40.8		"	50.0	0.00	81.6	35-145		9.58	31	
Chlorobenzene	21.6		"	50.0	0.00	43.3	21-154		46.5	32	Non-dir.
Chloroethane	46.2		"	50.0	0.00	92.5	15-160		9.26	40	
Chloroform	39.3		"	50.0	0.00	78.6	47-142		4.31	29	
Chloromethane	43.4		"	50.0	0.00	86.8	10-159		19.6	31	
cis-1,2-Dichloroethylene	32.4		"	50.0	0.00	64.9	42-144		22.0	30	
cis-1,3-Dichloropropylene	21.0		"	50.0	0.00	42.0	18-159		56.4	39	Non-dir.
Cyclohexane	40.0		"	50.0	0.00	80.0	70-130		4.44	30	
Dibromochloromethane	26.5		"	50.0	0.00	52.9	10-179		35.2	41	
Dibromomethane	25.2		"	50.0	0.00	50.3	47-143		43.6	41	Non-dir.
Dichlorodifluoromethane	31.2		"	50.0	0.00	62.4	10-145		13.5	34	
Ethyl Benzene	25.4		"	50.0	0.00	50.8	11-158		34.2	42	
Hexachlorobutadiene	16.2		"	50.0	0.00	32.4	10-158		54.1	45	Non-dir.
Isopropylbenzene	25.3		"	50.0	0.00	50.7	10-162		25.7	57	
Methyl acetate	6.79		"	50.0	0.00	13.6	10-149		141	64	Non-dir.
Methyl tert-butyl ether (MTBE)	46.4		"	50.0	0.00	92.7	42-152		8.40	47	
Methylcyclohexane	30.3		"	50.0	0.00	60.6	70-130	Low Bias	7.04	30	
Methylene chloride	42.0		"	50.0	7.05	69.8	28-151		12.2	49	
n-Butylbenzene	12.6		"	50.0	0.00	25.2	10-162		80.4	96	
n-Propylbenzene	19.6		"	50.0	0.00	39.2	10-155		48.2	56	
o-Xylene	27.2		"	50.0	0.00	54.4	10-158		29.9	51	
p- & m- Xylenes	48.7		"	100	0.00	48.7	10-156		35.4	47	
p-Isopropyltoluene	20.1		"	50.0	0.00	40.2	10-147		42.2	60	
sec-Butylbenzene	23.4		"	50.0	0.00	46.7	10-157		38.1	56	
Styrene	18.1		"	50.0	0.00	36.2	13-171		61.3	39	Non-dir.
tert-Butyl alcohol (TBA)	221		"	250	0.00	88.6	34-179		1.52	35	
tert-Butylbenzene	27.3		"	50.0	0.00	54.6	10-160		21.1	79	
Tetrachloroethylene	27.8		"	50.0	0.00	55.6	30-167		10.7	33	
Toluene	30.1		"	50.0	0.00	60.2	21-160		24.3	50	
trans-1,2-Dichloroethylene	31.1		"	50.0	0.00	62.2	29-153		20.9	30	
trans-1,3-Dichloropropylene	15.3		"	50.0	0.00	30.7	18-155		79.5	30	Non-dir.
Trichloroethylene	46.0		"	50.0	0.00	92.0	24-169		24.6	30	
Trichlorofluoromethane	45.6		"	50.0	0.00	91.2	35-142		12.5	30	
Vinyl Chloride	41.2		"	50.0	0.00	82.3	12-160		9.97	35	
Surrogate: 1,2-Dichloroethane-d4	*47.7*		*"*	*50.0*		*95.5*	*77-125*				
Surrogate: Toluene-d8	*45.9*		*"*	*50.0*		*91.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81249 - EPA 5035A											
Blank (BA81249-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Prepared & Analyzed: 01/31/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81249 - EPA 5035A											
Blank (BA81249-BLK1)									Prepared & Analyzed: 01/31/2018		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*45.0*		*ug/L*	*50.0*		*90.0*	*77-125*				
Surrogate: Toluene-d8	*45.2*		*"*	*50.0*		*90.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*76-130*				
Blank (BA81249-BLK2)									Prepared & Analyzed: 01/31/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81249 - EPA 5035A											
Blank (BA81249-BLK2)											
Prepared & Analyzed: 01/31/2018											
Bromodichloromethane	ND	0.50	mg/kg wet								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*44.5*		*ug/L*	*50.0*		*89.1*	*77-125*				
Surrogate: Toluene-d8	*44.7*		*"*	*50.0*		*89.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81249 - EPA 5035A											
LCS (BA81249-BS1)								Prepared & Analyzed: 01/31/2018			
1,1,1,2-Tetrachloroethane	47.6		ug/L	50.0		95.2	75-129				
1,1,1-Trichloroethane	51.7		"	50.0		103	71-137				
1,1,2,2-Tetrachloroethane	46.3		"	50.0		92.7	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.4		"	50.0		113	58-146				
1,1,2-Trichloroethane	48.3		"	50.0		96.6	83-123				
1,1-Dichloroethane	56.4		"	50.0		113	75-130				
1,1-Dichloroethylene	54.3		"	50.0		109	64-137				
1,2,3-Trichlorobenzene	42.3		"	50.0		84.7	81-140				
1,2,3-Trichloropropane	43.8		"	50.0		87.6	81-126				
1,2,4-Trichlorobenzene	42.6		"	50.0		85.2	80-141				
1,2,4-Trimethylbenzene	44.3		"	50.0		88.5	84-125				
1,2-Dibromo-3-chloropropane	44.0		"	50.0		88.1	74-142				
1,2-Dibromoethane	46.9		"	50.0		93.8	86-123				
1,2-Dichlorobenzene	45.2		"	50.0		90.3	85-122				
1,2-Dichloroethane	52.6		"	50.0		105	71-133				
1,2-Dichloropropane	51.4		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	45.1		"	50.0		90.1	82-126				
1,3-Dichlorobenzene	44.0		"	50.0		88.1	84-124				
1,4-Dichlorobenzene	43.4		"	50.0		86.8	84-124				
1,4-Dioxane	1070		"	1050		102	10-228				
2-Butanone	51.4		"	50.0		103	58-147				
2-Hexanone	43.1		"	50.0		86.1	70-139				
4-Methyl-2-pentanone	45.3		"	50.0		90.6	72-132				
Acetone	39.4		"	50.0		78.7	36-155				
Acrolein	136		"	50.0		272	10-238	High Bias			
Acrylonitrile	55.0		"	50.0		110	66-141				
Benzene	55.6		"	50.0		111	77-127				
Bromochloromethane	56.0		"	50.0		112	74-129				
Bromodichloromethane	45.0		"	50.0		89.9	81-124				
Bromoform	39.5		"	50.0		78.9	80-136	Low Bias			
Bromomethane	54.8		"	50.0		110	32-177				
Carbon disulfide	60.0		"	50.0		120	10-136				
Carbon tetrachloride	50.4		"	50.0		101	66-143				
Chlorobenzene	48.0		"	50.0		96.0	86-120				
Chloroethane	62.4		"	50.0		125	51-142				
Chloroform	53.0		"	50.0		106	76-131				
Chloromethane	64.0		"	50.0		128	49-132				
cis-1,2-Dichloroethylene	55.0		"	50.0		110	74-132				
cis-1,3-Dichloropropylene	48.7		"	50.0		97.4	81-129				
Cyclohexane	56.0		"	50.0		112	70-130				
Dibromochloromethane	45.7		"	50.0		91.3	10-200				
Dibromomethane	47.7		"	50.0		95.4	83-124				
Dichlorodifluoromethane	76.9		"	50.0		154	28-158				
Ethyl Benzene	48.8		"	50.0		97.7	84-125				
Hexachlorobutadiene	42.8		"	50.0		85.6	83-133				
Isopropylbenzene	45.1		"	50.0		90.2	81-127				
Methyl acetate	41.1		"	50.0		82.2	41-143				
Methyl tert-butyl ether (MTBE)	53.3		"	50.0		107	74-131				
Methylcyclohexane	49.3		"	50.0		98.6	70-130				
Methylene chloride	53.9		"	50.0		108	57-141				
n-Butylbenzene	46.3		"	50.0		92.5	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

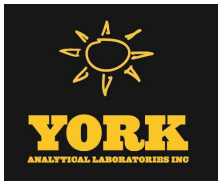
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81249 - EPA 5035A											
LCS (BA81249-BS1)								Prepared & Analyzed: 01/31/2018			
n-Propylbenzene	46.3		ug/L	50.0		92.7	74-136				
o-Xylene	48.3		"	50.0		96.6	83-123				
p- & m- Xylenes	96.4		"	100		96.4	82-128				
p-Isopropyltoluene	45.6		"	50.0		91.1	85-125				
sec-Butylbenzene	46.9		"	50.0		93.9	83-125				
Styrene	45.6		"	50.0		91.1	86-126				
tert-Butyl alcohol (TBA)	238		"	250		95.1	70-130				
tert-Butylbenzene	46.0		"	50.0		92.0	80-127				
Tetrachloroethylene	45.3		"	50.0		90.7	80-129				
Toluene	48.7		"	50.0		97.4	85-121				
trans-1,2-Dichloroethylene	54.8		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	46.0		"	50.0		92.0	78-132				
Trichloroethylene	49.7		"	50.0		99.4	84-123				
Trichlorofluoromethane	60.7		"	50.0		121	62-140				
Vinyl Chloride	65.4		"	50.0		131	52-130	High Bias			
Surrogate: 1,2-Dichloroethane-d4	*45.2*		*"*	*50.0*		*90.4*	*77-125*				
Surrogate: Toluene-d8	*46.0*		*"*	*50.0*		*92.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
LCS Dup (BA81249-BSD1)								Prepared & Analyzed: 01/31/2018			
1,1,1,2-Tetrachloroethane	46.7		ug/L	50.0		93.3	75-129		1.95	30	
1,1,1-Trichloroethane	52.0		"	50.0		104	71-137		0.424	30	
1,1,2,2-Tetrachloroethane	44.6		"	50.0		89.1	79-129		3.89	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.2		"	50.0		112	58-146		0.337	30	
1,1,2-Trichloroethane	46.8		"	50.0		93.6	83-123		3.24	30	
1,1-Dichloroethane	56.5		"	50.0		113	75-130		0.213	30	
1,1-Dichloroethylene	54.2		"	50.0		108	64-137		0.258	30	
1,2,3-Trichlorobenzene	39.7		"	50.0		79.4	81-140	Low Bias	6.44	30	
1,2,3-Trichloropropane	42.2		"	50.0		84.4	81-126		3.65	30	
1,2,4-Trichlorobenzene	39.9		"	50.0		79.7	80-141	Low Bias	6.65	30	
1,2,4-Trimethylbenzene	44.1		"	50.0		88.3	84-125		0.271	30	
1,2-Dibromo-3-chloropropane	42.2		"	50.0		84.4	74-142		4.24	30	
1,2-Dibromoethane	46.7		"	50.0		93.4	86-123		0.492	30	
1,2-Dichlorobenzene	43.5		"	50.0		86.9	85-122		3.81	30	
1,2-Dichloroethane	53.1		"	50.0		106	71-133		0.927	30	
1,2-Dichloropropane	49.4		"	50.0		98.9	81-122		3.91	30	
1,3,5-Trimethylbenzene	43.2		"	50.0		86.5	82-126		4.15	30	
1,3-Dichlorobenzene	42.5		"	50.0		84.9	84-124		3.65	30	
1,4-Dichlorobenzene	42.3		"	50.0		84.6	84-124		2.54	30	
1,4-Dioxane	1100		"	1050		105	10-228		2.91	30	
2-Butanone	50.0		"	50.0		100	58-147		2.70	30	
2-Hexanone	42.3		"	50.0		84.6	70-139		1.80	30	
4-Methyl-2-pentanone	44.5		"	50.0		89.1	72-132		1.71	30	
Acetone	39.5		"	50.0		79.0	36-155		0.380	30	
Acrolein	137		"	50.0		273	10-238	High Bias	0.227	30	
Acrylonitrile	56.0		"	50.0		112	66-141		1.69	30	
Benzene	55.4		"	50.0		111	77-127		0.361	30	
Bromochloromethane	55.8		"	50.0		112	74-129		0.358	30	
Bromodichloromethane	44.9		"	50.0		89.7	81-124		0.245	30	
Bromoform	37.9		"	50.0		75.8	80-136	Low Bias	4.09	30	
Bromomethane	56.1		"	50.0		112	32-177		2.38	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81249 - EPA 5035A											
LCS Dup (BA81249-BSD1)								Prepared & Analyzed: 01/31/2018			
Carbon disulfide	60.2		ug/L	50.0		120	10-136		0.283	30	
Carbon tetrachloride	51.2		"	50.0		102	66-143		1.56	30	
Chlorobenzene	47.3		"	50.0		94.6	86-120		1.49	30	
Chloroethane	63.4		"	50.0		127	51-142		1.65	30	
Chloroform	53.2		"	50.0		106	76-131		0.358	30	
Chloromethane	65.8		"	50.0		132	49-132		2.77	30	
cis-1,2-Dichloroethylene	54.2		"	50.0		108	74-132		1.54	30	
cis-1,3-Dichloropropylene	47.6		"	50.0		95.2	81-129		2.31	30	
Cyclohexane	56.0		"	50.0		112	70-130		0.0714	30	
Dibromochloromethane	45.0		"	50.0		90.0	10-200		1.50	30	
Dibromomethane	46.2		"	50.0		92.5	83-124		3.13	30	
Dichlorodifluoromethane	77.5		"	50.0		155	28-158		0.816	30	
Ethyl Benzene	48.4		"	50.0		96.8	84-125		0.946	30	
Hexachlorobutadiene	41.6		"	50.0		83.2	83-133		2.84	30	
Isopropylbenzene	44.1		"	50.0		88.1	81-127		2.29	30	
Methyl acetate	40.2		"	50.0		80.4	41-143		2.26	30	
Methyl tert-butyl ether (MTBE)	53.6		"	50.0		107	74-131		0.617	30	
Methylcyclohexane	48.3		"	50.0		96.5	70-130		2.09	30	
Methylene chloride	55.1		"	50.0		110	57-141		2.16	30	
n-Butylbenzene	44.5		"	50.0		89.0	80-130		3.90	30	
n-Propylbenzene	44.3		"	50.0		88.6	74-136		4.48	30	
o-Xylene	48.0		"	50.0		96.0	83-123		0.664	30	
p- & m- Xylenes	95.0		"	100		95.0	82-128		1.45	30	
p-Isopropyltoluene	44.0		"	50.0		88.0	85-125		3.44	30	
sec-Butylbenzene	46.0		"	50.0		92.0	83-125		2.00	30	
Styrene	45.7		"	50.0		91.3	86-126		0.219	30	
tert-Butyl alcohol (TBA)	249		"	250		99.5	70-130		4.54	30	
tert-Butylbenzene	43.8		"	50.0		87.5	80-127		5.03	30	
Tetrachloroethylene	43.7		"	50.0		87.4	80-129		3.66	30	
Toluene	48.4		"	50.0		96.8	85-121		0.577	30	
trans-1,2-Dichloroethylene	55.4		"	50.0		111	72-132		0.944	30	
trans-1,3-Dichloropropylene	44.9		"	50.0		89.7	78-132		2.47	30	
Trichloroethylene	48.4		"	50.0		96.8	84-123		2.63	30	
Trichlorofluoromethane	61.6		"	50.0		123	62-140		1.36	30	
Vinyl Chloride	66.0		"	50.0		132	52-130	High Bias	0.807	30	
Surrogate: 1,2-Dichloroethane-d4	*45.2*		*"*	*50.0*		*90.4*	*77-125*				
Surrogate: Toluene-d8	*45.3*		*"*	*50.0*		*90.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.7*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81249 - EPA 5035A											
Matrix Spike (BA81249-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/31/2018			
1,1,1,2-Tetrachloroethane	36.1		ug/L	50.0	0.00	72.3	15-161				
1,1,1-Trichloroethane	42.0		"	50.0	0.00	84.1	42-145				
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.5		"	50.0	0.00	91.0	11-160				
1,1,2-Trichloroethane	35.3		"	50.0	0.00	70.6	44-145				
1,1-Dichloroethane	44.7		"	50.0	0.00	89.3	46-142				
1,1-Dichloroethylene	42.1		"	50.0	0.00	84.2	30-153				
1,2,3-Trichlorobenzene	14.4		"	50.0	0.00	28.7	10-157				
1,2,3-Trichloropropane	33.9		"	50.0	0.00	67.8	38-155				
1,2,4-Trichlorobenzene	11.2		"	50.0	0.00	22.4	10-151				
1,2,4-Trimethylbenzene	30.2		"	50.0	0.00	60.3	10-170				
1,2-Dibromo-3-chloropropane	32.7		"	50.0	0.00	65.4	36-138				
1,2-Dibromoethane	28.7		"	50.0	0.00	57.4	40-142				
1,2-Dichlorobenzene	23.5		"	50.0	0.00	47.0	10-147				
1,2-Dichloroethane	38.3		"	50.0	0.00	76.7	48-133				
1,2-Dichloropropane	38.6		"	50.0	0.00	77.1	47-141				
1,3,5-Trimethylbenzene	32.4		"	50.0	0.00	64.8	10-150				
1,3-Dichlorobenzene	20.0		"	50.0	0.00	40.1	10-144				
1,4-Dichlorobenzene	17.9		"	50.0	0.00	35.8	10-160				
1,4-Dioxane	1000		"	1050	0.00	95.3	10-191				
2-Butanone	53.9		"	50.0	0.00	108	10-189				
2-Hexanone	36.8		"	50.0	0.00	73.6	10-181				
4-Methyl-2-pentanone	37.4		"	50.0	0.00	74.7	10-166				
Acetone	80.4		"	50.0	36.4	88.0	10-196				
Acrolein	37.5		"	50.0	0.00	75.1	10-192				
Acrylonitrile	46.4		"	50.0	0.00	92.9	13-161				
Benzene	42.3		"	50.0	0.00	84.6	43-139				
Bromochloromethane	41.0		"	50.0	0.00	82.0	38-145				
Bromodichloromethane	33.3		"	50.0	0.00	66.6	38-147				
Bromoform	26.9		"	50.0	0.00	53.7	29-156				
Bromomethane	46.6		"	50.0	0.00	93.2	10-166				
Carbon disulfide	40.6		"	50.0	0.00	81.2	10-131				
Carbon tetrachloride	40.7		"	50.0	0.00	81.3	35-145				
Chlorobenzene	29.6		"	50.0	0.00	59.3	21-154				
Chloroethane	50.2		"	50.0	0.00	100	15-160				
Chloroform	41.0		"	50.0	0.00	82.0	47-142				
Chloromethane	53.3		"	50.0	0.00	107	10-159				
cis-1,2-Dichloroethylene	38.5		"	50.0	0.00	77.0	42-144				
cis-1,3-Dichloropropylene	29.0		"	50.0	0.00	58.0	18-159				
Cyclohexane	44.3		"	50.0	0.00	88.6	70-130				
Dibromochloromethane	32.0		"	50.0	0.00	64.1	10-179				
Dibromomethane	31.4		"	50.0	0.00	62.7	47-143				
Dichlorodifluoromethane	61.6		"	50.0	0.00	123	10-145				
Ethyl Benzene	32.9		"	50.0	0.00	65.7	11-158				
Hexachlorobutadiene	26.3		"	50.0	0.00	52.7	10-158				
Isopropylbenzene	33.2		"	50.0	0.00	66.3	10-162				
Methyl acetate	9.67		"	50.0	0.00	19.3	10-149				
Methyl tert-butyl ether (MTBE)	46.2		"	50.0	0.00	92.3	42-152				
Methylcyclohexane	36.4		"	50.0	0.00	72.9	70-130				
Methylene chloride	44.2		"	50.0	7.40	73.6	28-151				
n-Butylbenzene	22.9		"	50.0	0.00	45.7	10-162				

Volatile Organic Compounds by GC/MS - Quality Control Data

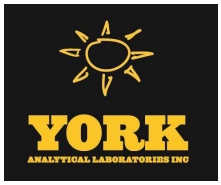
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81249 - EPA 5035A											
Matrix Spike (BA81249-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/31/2018			
n-Propylbenzene	29.0		ug/L	50.0	0.00	57.9	10-155				
o-Xylene	34.9		"	50.0	0.00	69.7	10-158				
p- & m- Xylenes	64.9		"	100	0.00	64.9	10-156				
p-Isopropyltoluene	30.3		"	50.0	0.00	60.6	10-147				
sec-Butylbenzene	33.1		"	50.0	0.00	66.2	10-157				
Styrene	26.6		"	50.0	0.00	53.2	13-171				
tert-Butyl alcohol (TBA)	216		"	250	0.00	86.2	34-179				
tert-Butylbenzene	35.1		"	50.0	0.00	70.2	10-160				
Tetrachloroethylene	33.3		"	50.0	0.00	66.6	30-167				
Toluene	35.5		"	50.0	0.00	71.1	21-160				
trans-1,2-Dichloroethylene	37.4		"	50.0	0.00	74.9	29-153				
trans-1,3-Dichloropropylene	23.7		"	50.0	0.00	47.3	18-155				
Trichloroethylene	57.7		"	50.0	0.00	115	24-169				
Trichlorofluoromethane	48.9		"	50.0	0.00	97.7	35-142				
Vinyl Chloride	50.9		"	50.0	0.00	102	12-160				
Surrogate: 1,2-Dichloroethane-d4	*46.3*		*"*	*50.0*		*92.6*	*77-125*				
Surrogate: Toluene-d8	*44.8*		*"*	*50.0*		*89.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				
Matrix Spike Dup (BA81249-MSD1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/31/2018			
1,1,1,2-Tetrachloroethane	43.1		ug/L	50.0	0.00	86.2	15-161		17.6	33	
1,1,1-Trichloroethane	48.6		"	50.0	0.00	97.3	42-145		14.6	30	
1,1,2,2-Tetrachloroethane	43.0		"	50.0	0.00	85.9	16-167			56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.2		"	50.0	0.00	102	11-160		11.8	31	
1,1,2-Trichloroethane	44.7		"	50.0	0.00	89.4	44-145		23.5	40	
1,1-Dichloroethane	52.8		"	50.0	0.00	106	46-142		16.6	36	
1,1-Dichloroethylene	50.8		"	50.0	0.00	102	30-153		18.7	31	
1,2,3-Trichlorobenzene	35.7		"	50.0	0.00	71.5	10-157		85.4	47	Non-dir.
1,2,3-Trichloropropane	39.9		"	50.0	0.00	79.9	38-155		16.3	48	
1,2,4-Trichlorobenzene	34.5		"	50.0	0.00	69.0	10-151		102	52	Non-dir.
1,2,4-Trimethylbenzene	39.3		"	50.0	0.00	78.5	10-170		26.2	242	
1,2-Dibromo-3-chloropropane	41.0		"	50.0	0.00	82.0	36-138		22.4	54	
1,2-Dibromoethane	43.7		"	50.0	0.00	87.4	40-142		41.5	39	Non-dir.
1,2-Dichlorobenzene	39.6		"	50.0	0.00	79.1	10-147		51.0	52	
1,2-Dichloroethane	50.1		"	50.0	0.00	100	48-133		26.5	32	
1,2-Dichloropropane	46.8		"	50.0	0.00	93.5	47-141		19.2	37	
1,3,5-Trimethylbenzene	39.7		"	50.0	0.00	79.4	10-150		20.3	62	
1,3-Dichlorobenzene	38.1		"	50.0	0.00	76.2	10-144		62.2	51	Non-dir.
1,4-Dichlorobenzene	37.4		"	50.0	0.00	74.9	10-160		70.5	52	Non-dir.
1,4-Dioxane	1290		"	1050	0.00	122	10-191		25.0	196	
2-Butanone	53.1		"	50.0	0.00	106	10-189		1.44	67	
2-Hexanone	42.8		"	50.0	0.00	85.5	10-181		15.0	60	
4-Methyl-2-pentanone	41.9		"	50.0	0.00	83.7	10-166		11.4	47	
Acetone	67.4		"	50.0	34.0	66.7	10-196		17.6	150	
Acrolein	132		"	50.0	0.00	264	10-192	High Bias	111	128	
Acrylonitrile	52.8		"	50.0	0.00	106	13-161		12.9	48	
Benzene	51.2		"	50.0	0.00	102	43-139		19.0	64	
Bromochloromethane	51.5		"	50.0	0.00	103	38-145		22.6	30	
Bromodichloromethane	41.3		"	50.0	0.00	82.7	38-147		21.6	37	
Bromoform	35.6		"	50.0	0.00	71.1	29-156		27.8	51	
Bromomethane	53.9		"	50.0	0.00	108	10-166		14.4	42	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81249 - EPA 5035A											
Matrix Spike Dup (BA81249-MSD1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/31/2018			
Carbon disulfide	55.5		ug/L	50.0	0.00	111	10-131		31.0	36	
Carbon tetrachloride	47.3		"	50.0	0.00	94.6	35-145		15.1	31	
Chlorobenzene	43.6		"	50.0	0.00	87.2	21-154		38.1	32	Non-dir.
Chloroethane	60.1		"	50.0	0.00	120	15-160		18.1	40	
Chloroform	49.8		"	50.0	0.00	99.6	47-142		19.4	29	
Chloromethane	62.7		"	50.0	0.00	125	10-159		16.2	31	
cis-1,2-Dichloroethylene	50.9		"	50.0	0.00	102	42-144		27.7	30	
cis-1,3-Dichloropropylene	44.0		"	50.0	0.00	88.0	18-159		41.1	39	Non-dir.
Cyclohexane	51.9		"	50.0	0.00	104	70-130		15.8	30	
Dibromochloromethane	42.3		"	50.0	0.00	84.6	10-179		27.6	41	
Dibromomethane	43.6		"	50.0	0.00	87.1	47-143		32.6	41	
Dichlorodifluoromethane	68.8		"	50.0	0.00	138	10-145		11.2	34	
Ethyl Benzene	44.3		"	50.0	0.00	88.5	11-158		29.6	42	
Hexachlorobutadiene	35.6		"	50.0	0.00	71.2	10-158		29.9	45	
Isopropylbenzene	39.6		"	50.0	0.00	79.2	10-162		17.6	57	
Methyl acetate	39.3		"	50.0	0.00	78.6	10-149		121	64	Non-dir.
Methyl tert-butyl ether (MTBE)	50.6		"	50.0	0.00	101	42-152		9.18	47	
Methylcyclohexane	42.4		"	50.0	0.00	84.9	70-130		15.2	30	
Methylene chloride	58.0		"	50.0	6.91	102	28-151		27.0	49	
n-Butylbenzene	38.4		"	50.0	0.00	76.7	10-162		50.6	96	
n-Propylbenzene	40.5		"	50.0	0.00	81.1	10-155		33.4	56	
o-Xylene	44.4		"	50.0	0.00	88.8	10-158		24.1	51	
p- & m- Xylenes	86.6		"	100	0.00	86.6	10-156		28.7	47	
p-Isopropyltoluene	39.8		"	50.0	0.00	79.5	10-147		27.0	60	
sec-Butylbenzene	41.6		"	50.0	0.00	83.1	10-157		22.7	56	
Styrene	41.7		"	50.0	0.00	83.3	13-171		44.2	39	Non-dir.
tert-Butyl alcohol (TBA)	251		"	250	0.00	100	34-179		15.1	35	
tert-Butylbenzene	40.8		"	50.0	0.00	81.7	10-160		15.1	79	
Tetrachloroethylene	40.0		"	50.0	0.00	80.0	30-167		18.3	33	
Toluene	44.9		"	50.0	0.00	89.9	21-160		23.3	50	
trans-1,2-Dichloroethylene	51.5		"	50.0	0.00	103	29-153		31.5	30	Non-dir.
trans-1,3-Dichloropropylene	41.6		"	50.0	0.00	83.1	18-155		54.9	30	Non-dir.
Trichloroethylene	43.9		"	50.0	0.00	87.8	24-169		27.2	30	
Trichlorofluoromethane	56.9		"	50.0	0.00	114	35-142		15.2	30	
Vinyl Chloride	62.0		"	50.0	0.00	124	12-160		19.7	35	
Surrogate: 1,2-Dichloroethane-d4	*45.6*		*"*	*50.0*		*91.1*	*77-125*				
Surrogate: Toluene-d8	*45.3*		*"*	*50.0*		*90.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81076 - EPA 3550C											
Blank (BA81076-BLK1)											
Prepared: 01/26/2018 Analyzed: 01/29/2018											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81076 - EPA 3550C											
Blank (BA81076-BLK1)											Prepared: 01/26/2018 Analyzed: 01/29/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.12*		"	*2.55*		*83.1*	*20-108*				
Surrogate: Phenol-d5	*2.28*		"	*2.59*		*88.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.86*		"	*1.81*		*103*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.43*		"	*1.76*		*81.5*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.23*		"	*2.59*		*125*	*19-110*				
Surrogate: Terphenyl-d14	*1.34*		"	*1.69*		*79.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81076 - EPA 3550C											
LCS (BA81076-BS1)								Prepared: 01/26/2018 Analyzed: 01/29/2018			
1,1-Biphenyl	0.795	0.0417	mg/kg wet	0.833		95.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.710	0.0833	"	0.833		85.2	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.740	0.0417	"	0.833		88.8	17-137				
2,3,4,6-Tetrachlorophenol	0.647	0.0833	"	0.833		77.6	30-130				
2,4,5-Trichlorophenol	0.841	0.0417	"	0.833		101	27-118				
2,4,6-Trichlorophenol	0.800	0.0417	"	0.833		96.0	31-120				
2,4-Dichlorophenol	0.812	0.0417	"	0.833		97.5	20-127				
2,4-Dimethylphenol	0.801	0.0417	"	0.833		96.1	14-132				
2,4-Dinitrophenol	0.739	0.0833	"	0.833		88.7	10-171				
2,4-Dinitrotoluene	0.747	0.0417	"	0.833		89.7	34-131				
2,6-Dinitrotoluene	0.760	0.0417	"	0.833		91.2	31-128				
2-Chloronaphthalene	0.618	0.0417	"	0.833		74.2	31-117				
2-Chlorophenol	0.721	0.0417	"	0.833		86.6	33-113				
2-Methylnaphthalene	0.820	0.0417	"	0.833		98.4	12-138				
2-Methylphenol	0.768	0.0417	"	0.833		92.2	10-136				
2-Nitroaniline	0.764	0.0833	"	0.833		91.7	27-132				
2-Nitrophenol	0.881	0.0417	"	0.833		106	17-129				
3- & 4-Methylphenols	0.696	0.0417	"	0.833		83.5	29-103				
3,3-Dichlorobenzidine	0.652	0.0417	"	0.833		78.3	22-149				
3-Nitroaniline	0.585	0.0833	"	0.833		70.2	20-133				
4,6-Dinitro-2-methylphenol	0.857	0.0833	"	0.833		103	10-143				
4-Bromophenyl phenyl ether	0.761	0.0417	"	0.833		91.4	29-120				
4-Chloro-3-methylphenol	0.885	0.0417	"	0.833		106	24-129				
4-Chloroaniline	0.522	0.0417	"	0.833		62.6	10-132				
4-Chlorophenyl phenyl ether	0.725	0.0417	"	0.833		87.0	27-124				
4-Nitroaniline	0.763	0.0833	"	0.833		91.5	16-128				
4-Nitrophenol	0.902	0.0833	"	0.833		108	10-141				
Acenaphthene	0.718	0.0417	"	0.833		86.1	30-121				
Acenaphthylene	0.690	0.0417	"	0.833		82.8	30-115				
Acetophenone	0.836	0.0417	"	0.833		100	20-112				
Aniline	0.639	0.167	"	0.833		76.7	10-119				
Anthracene	0.768	0.0417	"	0.833		92.2	34-118				
Atrazine	0.958	0.0417	"	0.833		115	26-112	High Bias			
Benzaldehyde	0.812	0.0417	"	0.833		97.4	21-100				
Benzo(a)anthracene	0.855	0.0417	"	0.833		103	32-122				
Benzo(a)pyrene	0.872	0.0417	"	0.833		105	29-133				
Benzo(b)fluoranthene	0.788	0.0417	"	0.833		94.5	25-133				
Benzo(g,h,i)perylene	0.670	0.0417	"	0.833		80.4	10-143				
Benzo(k)fluoranthene	0.769	0.0417	"	0.833		92.3	25-128				
Benzoic acid	0.808	0.0417	"	0.967		83.6	10-140				
Benzyl alcohol	0.747	0.0417	"	0.833		89.6	30-115				
Benzyl butyl phthalate	0.832	0.0417	"	0.833		99.8	26-126				
Bis(2-chloroethoxy)methane	0.888	0.0417	"	0.833		107	19-132				
Bis(2-chloroethyl)ether	0.713	0.0417	"	0.833		85.6	19-125				
Bis(2-chloroisopropyl)ether	0.777	0.0417	"	0.833		93.2	20-135				
Bis(2-ethylhexyl)phthalate	0.844	0.0417	"	0.833		101	10-155				
Caprolactam	0.943	0.0833	"	0.833		113	10-127				
Carbazole	0.655	0.0417	"	0.833		78.6	35-123				
Chrysene	0.743	0.0417	"	0.833		89.2	32-123				
Dibenzo(a,h)anthracene	0.692	0.0417	"	0.833		83.0	10-136				
Dibenzofuran	0.712	0.0417	"	0.833		85.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

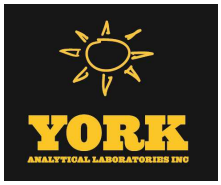
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81076 - EPA 3550C											
LCS (BA81076-BS1)									Prepared: 01/26/2018 Analyzed: 01/29/2018		
Diethyl phthalate	0.673	0.0417	mg/kg wet	0.833		80.8	34-116				
Dimethyl phthalate	0.695	0.0417	"	0.833		83.4	35-124				
Di-n-butyl phthalate	0.730	0.0417	"	0.833		87.6	31-116				
Di-n-octyl phthalate	0.821	0.0417	"	0.833		98.6	26-136				
Diphenylamine	0.941	0.0833	"	0.833		113	40-140				
Fluoranthene	0.798	0.0417	"	0.833		95.7	33-122				
Fluorene	0.728	0.0417	"	0.833		87.3	29-123				
Hexachlorobenzene	0.659	0.0417	"	0.833		79.0	21-124				
Hexachlorobutadiene	0.652	0.0417	"	0.833		78.3	10-149				
Hexachlorocyclopentadiene	0.379	0.0417	"	0.833		45.4	10-129				
Hexachloroethane	0.611	0.0417	"	0.833		73.4	28-108				
Indeno(1,2,3-cd)pyrene	0.678	0.0417	"	0.833		81.3	10-135				
Isophorone	0.699	0.0417	"	0.833		83.9	20-132				
Naphthalene	0.791	0.0417	"	0.833		94.9	23-124				
Nitrobenzene	0.664	0.0417	"	0.833		79.6	13-132				
N-Nitrosodimethylamine	0.572	0.0417	"	0.833		68.6	11-129				
N-nitroso-di-n-propylamine	0.757	0.0417	"	0.833		90.8	24-119				
N-Nitrosodiphenylamine	0.963	0.0417	"	0.833		116	22-152				
Pentachlorophenol	0.482	0.0417	"	0.833		57.8	10-139				
Phenanthrene	0.761	0.0417	"	0.833		91.4	33-123				
Phenol	0.739	0.0417	"	0.833		88.6	23-115				
Pyrene	0.736	0.0417	"	0.833		88.3	32-130				
Pyridine	0.456	0.167	"	0.833		54.8	10-91				
Surrogate: 2-Fluorophenol	*2.10*		"	*2.55*		*82.3*	*20-108*				
Surrogate: Phenol-d5	*2.38*		"	*2.59*		*91.9*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.80*		"	*1.81*		*99.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.48*		"	*1.76*		*84.2*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.61*		"	*2.59*		*101*	*19-110*				
Surrogate: Terphenyl-d14	*1.11*		"	*1.69*		*65.6*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81076 - EPA 3550C											
Matrix Spike (BA81076-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared: 01/26/2018 Analyzed: 01/29/2018			
1,1-Biphenyl	0.701	0.0881	mg/kg dry	0.881	ND	79.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.574	0.176	"	0.881	ND	65.2	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.669	0.0881	"	0.881	ND	76.0	10-144				
2,3,4,6-Tetrachlorophenol	0.479	0.176	"	0.881	ND	54.4	30-130				
2,4,5-Trichlorophenol	0.652	0.0881	"	0.881	ND	74.1	10-127				
2,4,6-Trichlorophenol	0.624	0.0881	"	0.881	ND	70.8	10-132				
2,4-Dichlorophenol	0.717	0.0881	"	0.881	ND	81.4	10-128				
2,4-Dimethylphenol	0.604	0.0881	"	0.881	ND	68.6	10-137				
2,4-Dinitrophenol	0.276	0.176	"	0.881	ND	31.4	10-171				
2,4-Dinitrotoluene	0.698	0.0881	"	0.881	ND	79.2	16-135				
2,6-Dinitrotoluene	0.631	0.0881	"	0.881	ND	71.6	18-131				
2-Chloronaphthalene	0.509	0.0881	"	0.881	ND	57.8	10-129				
2-Chlorophenol	0.634	0.0881	"	0.881	ND	72.0	15-116				
2-Methylnaphthalene	0.706	0.0881	"	0.881	ND	80.2	10-147				
2-Methylphenol	0.670	0.0881	"	0.881	ND	76.1	10-136				
2-Nitroaniline	0.655	0.176	"	0.881	ND	74.4	10-137				
2-Nitrophenol	0.757	0.0881	"	0.881	ND	85.9	10-129				
3- & 4-Methylphenols	0.623	0.0881	"	0.881	ND	70.7	10-123				
3,3-Dichlorobenzidine	0.491	0.0881	"	0.881	ND	55.8	10-155				
3-Nitroaniline	0.615	0.176	"	0.881	ND	69.8	12-133				
4,6-Dinitro-2-methylphenol	0.577	0.176	"	0.881	ND	65.5	10-155				
4-Bromophenyl phenyl ether	0.692	0.0881	"	0.881	ND	78.6	14-128				
4-Chloro-3-methylphenol	0.781	0.0881	"	0.881	ND	88.6	10-134				
4-Chloroaniline	0.513	0.0881	"	0.881	ND	58.2	10-145				
4-Chlorophenyl phenyl ether	0.636	0.0881	"	0.881	ND	72.2	14-130				
4-Nitroaniline	0.673	0.176	"	0.881	ND	76.4	10-147				
4-Nitrophenol	0.744	0.176	"	0.881	ND	84.5	10-137				
Acenaphthene	0.648	0.0881	"	0.881	ND	73.6	10-146				
Acenaphthylene	0.578	0.0881	"	0.881	ND	65.6	10-134				
Acetophenone	0.731	0.0881	"	0.881	ND	83.0	10-116				
Aniline	0.481	0.353	"	0.881	ND	54.6	10-123				
Anthracene	0.650	0.0881	"	0.881	ND	73.8	10-142				
Atrazine	0.865	0.0881	"	0.881	ND	98.2	19-115				
Benzaldehyde	0.778	0.0881	"	0.881	ND	88.3	10-125				
Benzo(a)anthracene	0.749	0.0881	"	0.881	ND	85.0	10-158				
Benzo(a)pyrene	0.743	0.0881	"	0.881	ND	84.4	10-180				
Benzo(b)fluoranthene	0.612	0.0881	"	0.881	ND	69.4	10-200				
Benzo(g,h,i)perylene	0.595	0.0881	"	0.881	ND	67.5	10-138				
Benzo(k)fluoranthene	0.591	0.0881	"	0.881	ND	67.1	10-197				
Benzoic acid	0.243	0.0881	"	1.02	ND	23.8	10-166				
Benzyl alcohol	0.640	0.0881	"	0.881	ND	72.7	12-124				
Benzyl butyl phthalate	0.710	0.0881	"	0.881	ND	80.6	10-154				
Bis(2-chloroethoxy)methane	0.733	0.0881	"	0.881	ND	83.2	10-132				
Bis(2-chloroethyl)ether	0.600	0.0881	"	0.881	ND	68.1	10-119				
Bis(2-chloroisopropyl)ether	0.594	0.0881	"	0.881	ND	67.4	10-139				
Bis(2-ethylhexyl)phthalate	0.740	0.0881	"	0.881	ND	84.0	10-167				
Caprolactam	0.821	0.176	"	0.881	ND	93.2	10-132				
Carbazole	0.562	0.0881	"	0.881	ND	63.8	10-167				
Chrysene	0.627	0.0881	"	0.881	ND	71.2	10-156				
Dibenzo(a,h)anthracene	0.611	0.0881	"	0.881	ND	69.4	10-137				
Dibenzofuran	0.624	0.0881	"	0.881	ND	70.9	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81076 - EPA 3550C											
Matrix Spike (BA81076-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared: 01/26/2018 Analyzed: 01/29/2018			
Diethyl phthalate	0.571	0.0881	mg/kg dry	0.881	ND	64.9	20-120				
Dimethyl phthalate	0.598	0.0881	"	0.881	ND	67.8	18-131				
Di-n-butyl phthalate	0.637	0.0881	"	0.881	ND	72.3	10-137				
Di-n-octyl phthalate	0.676	0.0881	"	0.881	ND	76.8	10-180				
Diphenylamine	0.843	0.176	"	0.881	ND	95.7	40-140				
Fluoranthene	0.741	0.0881	"	0.881	ND	84.1	10-160				
Fluorene	0.638	0.0881	"	0.881	ND	72.4	10-157				
Hexachlorobenzene	0.594	0.0881	"	0.881	ND	67.4	10-137				
Hexachlorobutadiene	0.564	0.0881	"	0.881	ND	64.0	10-132				
Hexachlorocyclopentadiene	0.231	0.0881	"	0.881	ND	26.2	10-106				
Hexachloroethane	0.533	0.0881	"	0.881	ND	60.5	10-110				
Indeno(1,2,3-cd)pyrene	0.590	0.0881	"	0.881	ND	67.0	10-144				
Isophorone	0.621	0.0881	"	0.881	ND	70.5	10-132				
Naphthalene	0.667	0.0881	"	0.881	ND	75.7	10-141				
Nitrobenzene	0.589	0.0881	"	0.881	ND	66.9	10-131				
N-Nitrosodimethylamine	0.470	0.0881	"	0.881	ND	53.4	10-126				
N-nitroso-di-n-propylamine	0.680	0.0881	"	0.881	ND	77.2	10-125				
N-Nitrosodiphenylamine	0.905	0.0881	"	0.881	ND	103	10-177				
Pentachlorophenol	0.261	0.0881	"	0.881	ND	29.6	10-153				
Phenanthrene	0.678	0.0881	"	0.881	ND	77.0	10-148				
Phenol	0.642	0.0881	"	0.881	ND	72.9	10-126				
Pyrene	0.676	0.0881	"	0.881	ND	76.7	10-165				
Pyridine	0.364	0.353	"	0.881	ND	41.3	10-83				
Surrogate: 2-Fluorophenol	*1.76*		"	*2.69*		*65.3*	*20-108*				
Surrogate: Phenol-d5	*2.00*		"	*2.74*		*73.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.56*		"	*1.92*		*81.5*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.29*		"	*1.86*		*69.4*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.65*		"	*2.73*		*96.8*	*19-110*				
Surrogate: Terphenyl-d14	*1.01*		"	*1.78*		*56.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81076 - EPA 3550C											
Matrix Spike Dup (BA81076-MSD1)	*Source sample: 18A0821-05 (SB109_22-24)								Prepared: 01/26/2018 Analyzed: 01/29/2018		
1,1-Biphenyl	0.674	0.0881	mg/kg dry	0.881	ND	76.6	10-130		3.89	30	
1,2,4,5-Tetrachlorobenzene	0.558	0.176	"	0.881	ND	63.4	10-133		2.86	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.577	0.0881	"	0.881	ND	65.5	10-144		14.8	30	
2,3,4,6-Tetrachlorophenol	0.462	0.176	"	0.881	ND	52.4	30-130		3.75	30	
2,4,5-Trichlorophenol	0.678	0.0881	"	0.881	ND	77.0	10-127		3.81	30	
2,4,6-Trichlorophenol	0.617	0.0881	"	0.881	ND	70.0	10-132		1.14	30	
2,4-Dichlorophenol	0.652	0.0881	"	0.881	ND	74.1	10-128		9.47	30	
2,4-Dimethylphenol	0.645	0.0881	"	0.881	ND	73.3	10-137		6.66	30	
2,4-Dinitrophenol	0.343	0.176	"	0.881	ND	39.0	10-171		21.6	30	
2,4-Dinitrotoluene	0.648	0.0881	"	0.881	ND	73.5	16-135		7.44	30	
2,6-Dinitrotoluene	0.644	0.0881	"	0.881	ND	73.1	18-131		2.10	30	
2-Chloronaphthalene	0.486	0.0881	"	0.881	ND	55.2	10-129		4.53	30	
2-Chlorophenol	0.559	0.0881	"	0.881	ND	63.5	15-116		12.5	30	
2-Methylnaphthalene	0.672	0.0881	"	0.881	ND	76.3	10-147		4.91	30	
2-Methylphenol	0.589	0.0881	"	0.881	ND	66.9	10-136		12.9	30	
2-Nitroaniline	0.685	0.176	"	0.881	ND	77.8	10-137		4.42	30	
2-Nitrophenol	0.709	0.0881	"	0.881	ND	80.5	10-129		6.54	30	
3- & 4-Methylphenols	0.572	0.0881	"	0.881	ND	65.0	10-123		8.49	30	
3,3-Dichlorobenzidine	0.501	0.0881	"	0.881	ND	56.9	10-155		1.99	30	
3-Nitroaniline	0.656	0.176	"	0.881	ND	74.5	12-133		6.43	30	
4,6-Dinitro-2-methylphenol	0.515	0.176	"	0.881	ND	58.5	10-155		11.4	30	
4-Bromophenyl phenyl ether	0.624	0.0881	"	0.881	ND	70.9	14-128		10.3	30	
4-Chloro-3-methylphenol	0.723	0.0881	"	0.881	ND	82.1	10-134		7.69	30	
4-Chloroaniline	0.507	0.0881	"	0.881	ND	57.6	10-145		1.10	30	
4-Chlorophenyl phenyl ether	0.628	0.0881	"	0.881	ND	71.3	14-130		1.23	30	
4-Nitroaniline	0.657	0.176	"	0.881	ND	74.6	10-147		2.44	30	
4-Nitrophenol	0.698	0.176	"	0.881	ND	79.3	10-137		6.35	30	
Acenaphthene	0.622	0.0881	"	0.881	ND	70.6	10-146		4.10	30	
Acenaphthylene	0.581	0.0881	"	0.881	ND	66.0	10-134		0.608	30	
Acetophenone	0.655	0.0881	"	0.881	ND	74.3	10-116		11.1	30	
Aniline	0.459	0.353	"	0.881	ND	52.1	10-123		4.65	30	
Anthracene	0.629	0.0881	"	0.881	ND	71.4	10-142		3.30	30	
Atrazine	0.777	0.0881	"	0.881	ND	88.2	19-115		10.6	30	
Benzaldehyde	0.685	0.0881	"	0.881	ND	77.8	10-125		12.7	30	
Benzo(a)anthracene	0.719	0.0881	"	0.881	ND	81.6	10-158		4.13	30	
Benzo(a)pyrene	0.722	0.0881	"	0.881	ND	81.9	10-180		2.98	30	
Benzo(b)fluoranthene	0.613	0.0881	"	0.881	ND	69.6	10-200		0.230	30	
Benzo(g,h,i)perylene	0.586	0.0881	"	0.881	ND	66.6	10-138		1.43	30	
Benzo(k)fluoranthene	0.626	0.0881	"	0.881	ND	71.0	10-197		5.67	30	
Benzoic acid	0.210	0.0881	"	1.02	ND	20.6	10-166		14.6	30	
Benzyl alcohol	0.595	0.0881	"	0.881	ND	67.5	12-124		7.42	30	
Benzyl butyl phthalate	0.740	0.0881	"	0.881	ND	84.0	10-154		4.08	30	
Bis(2-chloroethoxy)methane	0.694	0.0881	"	0.881	ND	78.8	10-132		5.43	30	
Bis(2-chloroethyl)ether	0.540	0.0881	"	0.881	ND	61.3	10-119		10.5	30	
Bis(2-chloroisopropyl)ether	0.527	0.0881	"	0.881	ND	59.8	10-139		11.9	30	
Bis(2-ethylhexyl)phthalate	0.731	0.0881	"	0.881	ND	83.0	10-167		1.25	30	
Caprolactam	0.827	0.176	"	0.881	ND	93.9	10-132		0.770	30	
Carbazole	0.571	0.0881	"	0.881	ND	64.9	10-167		1.74	30	
Chrysene	0.641	0.0881	"	0.881	ND	72.8	10-156		2.22	30	
Dibenzo(a,h)anthracene	0.602	0.0881	"	0.881	ND	68.4	10-137		1.39	30	
Dibenzofuran	0.596	0.0881	"	0.881	ND	67.7	10-147		4.62	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81076 - EPA 3550C											
Matrix Spike Dup (BA81076-MSD1)	*Source sample: 18A0821-05 (SB109_22-24)								Prepared: 01/26/2018 Analyzed: 01/29/2018		
Diethyl phthalate	0.605	0.0881	mg/kg dry	0.881	ND	68.6	20-120		5.63	30	
Dimethyl phthalate	0.607	0.0881	"	0.881	ND	69.0	18-131		1.64	30	
Di-n-butyl phthalate	0.676	0.0881	"	0.881	ND	76.8	10-137		6.01	30	
Di-n-octyl phthalate	0.678	0.0881	"	0.881	ND	77.0	10-180		0.208	30	
Diphenylamine	0.760	0.176	"	0.881	ND	86.3	40-140		10.3	30	
Fluoranthene	0.664	0.0881	"	0.881	ND	75.4	10-160		10.8	30	
Fluorene	0.640	0.0881	"	0.881	ND	72.6	10-157		0.331	30	
Hexachlorobenzene	0.493	0.0881	"	0.881	ND	56.0	10-137		18.5	30	
Hexachlorobutadiene	0.547	0.0881	"	0.881	ND	62.2	10-132		2.92	30	
Hexachlorocyclopentadiene	0.197	0.0881	"	0.881	ND	22.3	10-106		16.1	30	
Hexachloroethane	0.453	0.0881	"	0.881	ND	51.4	10-110		16.2	30	
Indeno(1,2,3-cd)pyrene	0.631	0.0881	"	0.881	ND	71.6	10-144		6.70	30	
Isophorone	0.573	0.0881	"	0.881	ND	65.0	10-132		8.03	30	
Naphthalene	0.609	0.0881	"	0.881	ND	69.2	10-141		8.95	30	
Nitrobenzene	0.532	0.0881	"	0.881	ND	60.4	10-131		10.2	30	
N-Nitrosodimethylamine	0.441	0.0881	"	0.881	ND	50.1	10-126		6.34	30	
N-nitroso-di-n-propylamine	0.581	0.0881	"	0.881	ND	65.9	10-125		15.8	30	
N-Nitrosodiphenylamine	0.756	0.0881	"	0.881	ND	85.8	10-177		17.9	30	
Pentachlorophenol	0.228	0.0881	"	0.881	ND	25.9	10-153		13.3	30	
Phenanthrene	0.664	0.0881	"	0.881	ND	75.4	10-148		2.10	30	
Phenol	0.555	0.0881	"	0.881	ND	63.0	10-126		14.6	30	
Pyrene	0.653	0.0881	"	0.881	ND	74.2	10-165		3.39	30	
Pyridine	0.347	0.353	"	0.881	ND	39.4	10-83		4.56	30	
Surrogate: 2-Fluorophenol	*1.60*		"	*2.69*		*59.6*	*20-108*				
Surrogate: Phenol-d5	*1.85*		"	*2.74*		*67.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.43*		"	*1.92*		*74.8*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.19*		"	*1.86*		*64.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.17*		"	*2.73*		*79.5*	*19-110*				
Surrogate: Terphenyl-d14	*0.972*		"	*1.78*		*54.5*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81243 - EPA 3550C											
Blank (BA81243-BLK1)									Prepared & Analyzed: 01/31/2018		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81243 - EPA 3550C											
Blank (BA81243-BLK1)											
Prepared & Analyzed: 01/31/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.72*		"	*2.55*		*67.5*	*20-108*				
Surrogate: Phenol-d5	*2.02*		"	*2.59*		*78.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.57*		"	*1.81*		*86.8*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.39*		"	*1.76*		*79.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.47*		"	*2.59*		*95.6*	*19-110*				
Surrogate: Terphenyl-d14	*1.13*		"	*1.69*		*66.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BA81243 - EPA 3550C

LCS (BA81243-BS1) Prepared & Analyzed: 01/31/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.624	0.0417	mg/kg wet	0.833		74.9	18-111				
1,2,4,5-Tetrachlorobenzene	0.672	0.0833	"	0.833		80.6	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.647	0.0417	"	0.833		77.6	17-137				
2,3,4,6-Tetrachlorophenol	1.44	0.0833	"	0.833		173	30-130	High Bias			
2,4,5-Trichlorophenol	0.747	0.0417	"	0.833		89.7	27-118				
2,4,6-Trichlorophenol	0.804	0.0417	"	0.833		96.5	31-120				
2,4-Dichlorophenol	0.701	0.0417	"	0.833		84.2	20-127				
2,4-Dimethylphenol	0.682	0.0417	"	0.833		81.8	14-132				
2,4-Dinitrophenol	0.707	0.0833	"	0.833		84.9	10-171				
2,4-Dinitrotoluene	0.683	0.0417	"	0.833		82.0	34-131				
2,6-Dinitrotoluene	0.653	0.0417	"	0.833		78.4	31-128				
2-Chloronaphthalene	0.505	0.0417	"	0.833		60.6	31-117				
2-Chlorophenol	0.608	0.0417	"	0.833		72.9	33-113				
2-Methylnaphthalene	0.695	0.0417	"	0.833		83.4	12-138				
2-Methylphenol	0.686	0.0417	"	0.833		82.4	10-136				
2-Nitroaniline	0.697	0.0833	"	0.833		83.6	27-132				
2-Nitrophenol	0.744	0.0417	"	0.833		89.2	17-129				
3- & 4-Methylphenols	0.645	0.0417	"	0.833		77.4	29-103				
3,3-Dichlorobenzidine	0.594	0.0417	"	0.833		71.2	22-149				
3-Nitroaniline	0.507	0.0833	"	0.833		60.8	20-133				
4,6-Dinitro-2-methylphenol	0.796	0.0833	"	0.833		95.5	10-143				
4-Bromophenyl phenyl ether	0.669	0.0417	"	0.833		80.3	29-120				
4-Chloro-3-methylphenol	0.845	0.0417	"	0.833		101	24-129				
4-Chloroaniline	0.393	0.0417	"	0.833		47.2	10-132				
4-Chlorophenyl phenyl ether	0.632	0.0417	"	0.833		75.8	27-124				
4-Nitroaniline	0.674	0.0833	"	0.833		80.8	16-128				
4-Nitrophenol	ND	0.0833	"	0.833			10-141	Low Bias			
Acenaphthene	0.643	0.0417	"	0.833		77.2	30-121				
Acenaphthylene	0.598	0.0417	"	0.833		71.8	30-115				
Acetophenone	0.687	0.0417	"	0.833		82.5	20-112				
Aniline	0.576	0.167	"	0.833		69.1	10-119				
Anthracene	0.654	0.0417	"	0.833		78.5	34-118				
Atrazine	0.766	0.0417	"	0.833		91.9	26-112				
Benzaldehyde	0.688	0.0417	"	0.833		82.6	21-100				
Benzo(a)anthracene	0.716	0.0417	"	0.833		86.0	32-122				
Benzo(a)pyrene	0.696	0.0417	"	0.833		83.6	29-133				
Benzo(b)fluoranthene	0.625	0.0417	"	0.833		75.0	25-133				
Benzo(g,h,i)perylene	0.618	0.0417	"	0.833		74.1	10-143				
Benzo(k)fluoranthene	0.630	0.0417	"	0.833		75.6	25-128				
Benzoic acid	0.786	0.0417	"	0.967		81.3	10-140				
Benzyl alcohol	0.628	0.0417	"	0.833		75.4	30-115				
Benzyl butyl phthalate	0.811	0.0417	"	0.833		97.3	26-126				
Bis(2-chloroethoxy)methane	0.735	0.0417	"	0.833		88.2	19-132				
Bis(2-chloroethyl)ether	0.619	0.0417	"	0.833		74.3	19-125				
Bis(2-chloroisopropyl)ether	0.665	0.0417	"	0.833		79.8	20-135				
Bis(2-ethylhexyl)phthalate	0.807	0.0417	"	0.833		96.9	10-155				
Caprolactam	0.834	0.0833	"	0.833		100	10-127				
Carbazole	0.585	0.0417	"	0.833		70.2	35-123				
Chrysene	0.650	0.0417	"	0.833		78.0	32-123				
Dibenzo(a,h)anthracene	0.648	0.0417	"	0.833		77.8	10-136				
Dibenzofuran	0.645	0.0417	"	0.833		77.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81243 - EPA 3550C											
LCS (BA81243-BS1)								Prepared & Analyzed: 01/31/2018			
Diethyl phthalate	0.647	0.0417	mg/kg wet	0.833		77.7	34-116				
Dimethyl phthalate	0.672	0.0417	"	0.833		80.6	35-124				
Di-n-butyl phthalate	0.747	0.0417	"	0.833		89.6	31-116				
Di-n-octyl phthalate	0.847	0.0417	"	0.833		102	26-136				
Diphenylamine	0.832	0.0833	"	0.833		99.8	40-140				
Fluoranthene	0.729	0.0417	"	0.833		87.5	33-122				
Fluorene	0.651	0.0417	"	0.833		78.2	29-123				
Hexachlorobenzene	0.549	0.0417	"	0.833		65.8	21-124				
Hexachlorobutadiene	0.563	0.0417	"	0.833		67.5	10-149				
Hexachlorocyclopentadiene	0.288	0.0417	"	0.833		34.6	10-129				
Hexachloroethane	0.510	0.0417	"	0.833		61.2	28-108				
Indeno(1,2,3-cd)pyrene	0.533	0.0417	"	0.833		64.0	10-135				
Isophorone	0.619	0.0417	"	0.833		74.3	20-132				
Naphthalene	0.677	0.0417	"	0.833		81.2	23-124				
Nitrobenzene	0.583	0.0417	"	0.833		69.9	13-132				
N-Nitrosodimethylamine	0.452	0.0417	"	0.833		54.3	11-129				
N-nitroso-di-n-propylamine	0.684	0.0417	"	0.833		82.1	24-119				
N-Nitrosodiphenylamine	0.846	0.0417	"	0.833		102	22-152				
Pentachlorophenol	0.469	0.0417	"	0.833		56.2	10-139				
Phenanthrene	0.667	0.0417	"	0.833		80.1	33-123				
Phenol	0.644	0.0417	"	0.833		77.3	23-115				
Pyrene	0.693	0.0417	"	0.833		83.1	32-130				
Pyridine	0.326	0.167	"	0.833		39.1	10-91				
Surrogate: 2-Fluorophenol	*1.80*		"	*2.55*		*70.6*	*20-108*				
Surrogate: Phenol-d5	*2.06*		"	*2.59*		*79.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.56*		"	*1.81*		*86.3*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.31*		"	*1.76*		*74.5*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.39*		"	*2.59*		*92.2*	*19-110*				
Surrogate: Terphenyl-d14	*1.08*		"	*1.69*		*63.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81076 - EPA 3550C											
Blank (BA81076-BLK1)									Prepared: 01/26/2018 Analyzed: 01/29/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BA81243 - EPA 3550C											
Blank (BA81243-BLK1)									Prepared & Analyzed: 01/31/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81078 - EPA 3550C											
Blank (BA81078-BLK1)											Prepared: 01/26/2018 Analyzed: 01/29/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0536*		*"*	*0.0667*		*80.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0436*		*"*	*0.0667*		*65.4*	*30-150*				
LCS (BA81078-BS1)											Prepared: 01/26/2018 Analyzed: 01/29/2018
4,4'-DDD	0.0397	0.000330	mg/kg wet	0.0333		119	40-140				
4,4'-DDE	0.0354	0.000330	"	0.0333		106	40-140				
4,4'-DDT	0.0378	0.000330	"	0.0333		113	40-140				
Aldrin	0.0372	0.000330	"	0.0333		112	40-140				
alpha-BHC	0.0386	0.000330	"	0.0333		116	40-140				
alpha-Chlordane	0.0360	0.000330	"	0.0333		108	40-140				
beta-BHC	0.0379	0.000330	"	0.0333		114	40-140				
delta-BHC	0.0411	0.000330	"	0.0333		123	40-140				
Dieldrin	0.0389	0.000330	"	0.0333		117	40-140				
Endosulfan I	0.0431	0.000330	"	0.0333		129	40-140				
Endosulfan II	0.0402	0.000330	"	0.0333		121	40-140				
Endosulfan sulfate	0.0404	0.000330	"	0.0333		121	40-140				
Endrin	0.0363	0.000330	"	0.0333		109	40-140				
Endrin aldehyde	0.0388	0.000330	"	0.0333		116	40-140				
Endrin ketone	0.0426	0.000330	"	0.0333		128	40-140				
gamma-BHC (Lindane)	0.0370	0.000330	"	0.0333		111	40-140				
gamma-Chlordane	0.0359	0.000330	"	0.0333		108	40-140				
Heptachlor	0.0329	0.000330	"	0.0333		98.6	40-140				
Heptachlor epoxide	0.0349	0.000330	"	0.0333		105	40-140				
Methoxychlor	0.0325	0.00165	"	0.0333		97.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0674*		*"*	*0.0667*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0617*		*"*	*0.0667*		*92.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81078 - EPA 3550C											
Matrix Spike (BA81078-MS1)	*Source sample: 18A0821-05 (SB109_22-24)								Prepared: 01/26/2018 Analyzed: 01/29/2018		
4,4'-DDD	0.0314	0.00174	mg/kg dry	0.0352	ND	89.1	30-150				
4,4'-DDE	0.0288	0.00174	"	0.0352	ND	81.6	30-150				
4,4'-DDT	0.0332	0.00174	"	0.0352	ND	94.3	30-150				
Aldrin	0.0360	0.00174	"	0.0352	ND	102	30-150				
alpha-BHC	0.0368	0.00174	"	0.0352	ND	104	30-150				
alpha-Chlordane	0.0392	0.00174	"	0.0352	ND	111	30-150				
beta-BHC	0.0387	0.00174	"	0.0352	ND	110	30-150				
delta-BHC	0.0343	0.00174	"	0.0352	ND	97.2	30-150				
Dieldrin	0.0397	0.00174	"	0.0352	ND	113	30-150				
Endosulfan I	0.0456	0.00174	"	0.0352	ND	129	30-150				
Endosulfan II	0.0414	0.00174	"	0.0352	ND	118	30-150				
Endosulfan sulfate	0.0384	0.00174	"	0.0352	ND	109	30-150				
Endrin	0.0384	0.00174	"	0.0352	ND	109	30-150				
Endrin aldehyde	0.0329	0.00174	"	0.0352	ND	93.4	30-150				
Endrin ketone	0.0448	0.00174	"	0.0352	ND	127	30-150				
gamma-BHC (Lindane)	0.0372	0.00174	"	0.0352	ND	106	30-150				
gamma-Chlordane	0.0377	0.00174	"	0.0352	ND	107	30-150				
Heptachlor	0.0357	0.00174	"	0.0352	ND	101	30-150				
Heptachlor epoxide	0.0385	0.00174	"	0.0352	ND	109	30-150				
Methoxychlor	0.0325	0.00872	"	0.0352	ND	92.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0793*		*"*	*0.0705*		*112*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0603*		*"*	*0.0705*		*85.6*	*30-150*				
Matrix Spike Dup (BA81078-MSD1)	*Source sample: 18A0821-05 (SB109_22-24)								Prepared: 01/26/2018 Analyzed: 01/29/2018		
4,4'-DDD	0.0315	0.00174	mg/kg dry	0.0352	ND	89.5	30-150		0.453	30	
4,4'-DDE	0.0277	0.00174	"	0.0352	ND	78.5	30-150		3.86	30	
4,4'-DDT	0.0332	0.00174	"	0.0352	ND	94.2	30-150		0.101	30	
Aldrin	0.0383	0.00174	"	0.0352	ND	109	30-150		6.05	30	
alpha-BHC	0.0391	0.00174	"	0.0352	ND	111	30-150		5.96	30	
alpha-Chlordane	0.0407	0.00174	"	0.0352	ND	116	30-150		3.71	30	
beta-BHC	0.0403	0.00174	"	0.0352	ND	114	30-150		3.98	30	
delta-BHC	0.0355	0.00174	"	0.0352	ND	101	30-150		3.44	30	
Dieldrin	0.0413	0.00174	"	0.0352	ND	117	30-150		3.91	30	
Endosulfan I	0.0478	0.00174	"	0.0352	ND	136	30-150		4.82	30	
Endosulfan II	0.0428	0.00174	"	0.0352	ND	122	30-150		3.27	30	
Endosulfan sulfate	0.0396	0.00174	"	0.0352	ND	113	30-150		3.22	30	
Endrin	0.0391	0.00174	"	0.0352	ND	111	30-150		1.81	30	
Endrin aldehyde	0.0343	0.00174	"	0.0352	ND	97.3	30-150		4.07	30	
Endrin ketone	0.0461	0.00174	"	0.0352	ND	131	30-150		2.98	30	
gamma-BHC (Lindane)	0.0393	0.00174	"	0.0352	ND	112	30-150		5.37	30	
gamma-Chlordane	0.0390	0.00174	"	0.0352	ND	111	30-150		3.45	30	
Heptachlor	0.0376	0.00174	"	0.0352	ND	107	30-150		5.09	30	
Heptachlor epoxide	0.0400	0.00174	"	0.0352	ND	113	30-150		3.73	30	
Methoxychlor	0.0324	0.00872	"	0.0352	ND	92.1	30-150		0.0434	30	
Surrogate: Decachlorobiphenyl	*0.0802*		*"*	*0.0705*		*114*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0565*		*"*	*0.0705*		*80.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8A3001 - BL70213											
Performance Mix (Y8A3001-PEM1)								Prepared & Analyzed: 01/29/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.676		"	0.00			0-200				
4,4'-DDT	134		"	200		66.9	0-200				
Endrin	99.6		"	100		99.6	0-200				
Endrin aldehyde	2.50		"	0.00			0-200				
Endrin ketone	6.43		"	0.00			0-200				
Performance Mix (Y8A3001-PEM2)								Prepared & Analyzed: 01/29/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.725		"	0.00			0-200				
4,4'-DDT	163		"	200		81.6	0-200				
Endrin	118		"	100		118	0-200				
Endrin aldehyde	2.42		"	0.00			0-200				
Endrin ketone	8.69		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81078 - EPA 3550C											
Blank (BA81078-BLK2)											Prepared: 01/26/2018 Analyzed: 01/29/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0667*		*83.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0473*		*"*	*0.0667*		*71.0*	*30-140*				
LCS (BA81078-BS2)											Prepared: 01/26/2018 Analyzed: 01/29/2018
Aroclor 1016	0.338	0.0167	mg/kg wet	0.333		101	40-130				
Aroclor 1260	0.339	0.0167	"	0.333		102	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0550*		*"*	*0.0667*		*82.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0497*		*"*	*0.0667*		*74.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81026 - EPA 3550B/8151A											
Blank (BA81026-BLK1)								Prepared & Analyzed: 01/26/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.660*		*"*	*0.500*		*132*	*30-150*				
LCS (BA81026-BS1)								Prepared & Analyzed: 01/26/2018			
2,4,5-T	0.113	0.0200	mg/kg wet	0.160		70.6	40-140				
2,4,5-TP (Silvex)	0.125	0.0200	"	0.160		78.1	40-140				
2,4-D	0.124	0.0200	"	0.160		77.5	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.518*		*"*	*0.500*		*104*	*30-150*				
Matrix Spike (BA81026-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/26/2018			
2,4,5-T	0.124	0.0209	mg/kg dry	0.167	ND	74.4	30-150				
2,4,5-TP (Silvex)	0.136	0.0209	"	0.167	ND	81.2	30-150				
2,4-D	0.108	0.0209	"	0.167	ND	64.4	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.524*		*"*	*0.522*		*100*	*30-150*				
Matrix Spike Dup (BA81026-MSD1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/26/2018			
2,4,5-T	0.124	0.0206	mg/kg dry	0.165	ND	75.0	30-150		0.342	35	
2,4,5-TP (Silvex)	0.135	0.0206	"	0.165	ND	81.9	30-150		0.412	35	
2,4-D	0.127	0.0206	"	0.165	ND	76.9	30-150		16.5	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.531*		*"*	*0.516*		*103*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80988 - EPA 3050B											
Blank (BA80988-BLK1)											
Prepared & Analyzed: 01/25/2018											
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	0.972	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	5.33	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Duplicate (BA80988-DUP1)	*Source sample: 18A0821-05 (SB109_22-24)										
Prepared: 01/25/2018 Analyzed: 01/26/2018											
Aluminum	6610	5.28	mg/kg dry		5690				14.9	35	
Antimony	2.00	0.528	"		1.54				26.1	35	
Arsenic	2.08	1.06	"		2.08				0.390	35	
Barium	44.0	1.06	"		43.7				0.814	35	
Beryllium	ND	0.106	"		ND					35	
Cadmium	ND	0.317	"		ND					35	
Calcium	3040	5.28	"		2550				17.5	35	
Chromium	27.4	0.528	"		21.1				25.9	35	
Cobalt	12.6	0.528	"		7.87				46.2	35	Non-dir.
Copper	24.6	0.528	"		28.3				13.8	35	
Iron	15700	2.11	"		15100				3.60	35	
Lead	8.13	0.528	"		7.13				13.1	35	
Magnesium	6580	5.28	"		3910				50.9	35	Non-dir.
Manganese	358	0.528	"		521				37.2	35	Non-dir.
Nickel	76.4	0.528	"		43.9				54.1	35	Non-dir.
Potassium	1830	5.28	"		1450				23.4	35	
Selenium	ND	1.06	"		ND					35	
Silver	ND	0.528	"		ND					35	
Sodium	370	10.6	"		272				30.4	35	
Thallium	ND	1.06	"		ND					35	
Vanadium	26.2	1.06	"		22.3				15.9	35	
Zinc	48.1	1.59	"		39.3				20.0	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80988 - EPA 3050B											
Matrix Spike (BA80988-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared: 01/25/2018 Analyzed: 01/26/2018			
Aluminum	6210	5.28	mg/kg dry	211	5690	244	75-125	High Bias			
Antimony	26.5	0.528	"	26.4	1.54	94.3	75-125				
Arsenic	193	1.06	"	211	2.08	90.2	75-125				
Barium	257	1.06	"	211	43.7	101	75-125				
Beryllium	3.13	0.106	"	5.28	ND	59.2	75-125	Low Bias			
Cadmium	4.69	0.317	"	5.28	ND	88.7	75-125				
Chromium	81.4	0.528	"	21.1	21.1	285	75-125	High Bias			
Cobalt	60.0	0.528	"	52.8	7.87	98.6	75-125				
Copper	52.1	0.528	"	26.4	28.3	90.0	75-125				
Iron	13900	2.11	"	106	15100	NR	75-125	Low Bias			
Lead	57.5	0.528	"	52.8	7.13	95.3	75-125				
Magnesium	4400	5.28	"		3910		75-125				
Manganese	381	0.528	"	52.8	521	NR	75-125	Low Bias			
Nickel	101	0.528	"	52.8	43.9	109	75-125				
Potassium	1570	5.28	"		1450		75-125				
Selenium	175	1.06	"	211	ND	82.6	75-125				
Silver	2.09	0.528	"	5.28	ND	39.5	75-125	Low Bias			
Sodium	377	10.6	"		272		75-125				
Thallium	187	1.06	"	211	ND	88.7	75-125				
Vanadium	77.1	1.06	"	52.8	22.3	104	75-125				
Zinc	84.2	1.59	"	52.8	39.3	84.9	75-125				
Reference (BA80988-SRM1)								Prepared & Analyzed: 01/25/2018			
Aluminum	6870	5.00	mg/kg wet	8090		84.9	49.8-149.6				
Antimony	160	0.500	"	99.3		162	0.5-207.5				
Arsenic	96.3	1.00	"	100		96.3	80.9-120				
Barium	220	1.00	"	217		101	81.6-118.4				
Beryllium	146	0.100	"	147		99.0	81.6-119.1				
Cadmium	76.8	0.300	"	83.7		91.7	81.2-118.9				
Calcium	5860	5.00	"	6010		97.6	80.9-119				
Chromium	101	0.500	"	107		94.8	77.5-121.5				
Cobalt	126	0.500	"	123		102	82.1-117.9				
Copper	173	0.500	"	166		104	80.7-118.7				
Iron	11900	2.00	"	14600		81.7	45.1-154.8				
Lead	84.1	0.500	"	88.4		95.2	81.2-118.8				
Magnesium	2800	5.00	"	2930		95.6	74.7-125.3				
Manganese	336	0.500	"	311		108	80.1-119.9				
Nickel	53.6	0.500	"	49.8		108	80.9-118.9				
Potassium	2400	5.00	"	2620		91.5	69.1-130.9				
Selenium	77.2	1.00	"	87.7		88.0	76.1-124.3				
Silver	38.6	0.500	"	41.4		93.3	73.7-126.1				
Sodium	226	10.0	"	252		89.9	69.1-131.4				
Thallium	53.7	1.00	"	58.1		92.4	77.6-122.6				
Vanadium	134	1.00	"	140		95.9	76.4-122.9				
Zinc	137	1.50	"	145		94.8	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80987 - EPA 7473 soil											
Blank (BA80987-BLK1)								Prepared & Analyzed: 01/25/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA80987-DUP1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/25/2018			
Mercury	ND	0.0317	mg/kg dry		ND					35	
Matrix Spike (BA80987-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/25/2018			
Mercury	0.431		mg/kg	0.500	0.00970	84.3	75-125				
Reference (BA80987-SRM1)								Prepared & Analyzed: 01/25/2018			
Mercury	16.487		mg/kg	13.8		119	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81277 - % Solids Prep											
Duplicate (BA81277-DUP1)	*Source sample: 18A0821-05 (SB109_22-24)								Prepared & Analyzed: 01/31/2018		
% Solids	94.2	0.100	%		94.6				0.414	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA80996 - EPA SW846-3060											
Blank (BA80996-BLK1)								Prepared & Analyzed: 01/25/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA80996-DUP1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/25/2018			
Chromium, Hexavalent	ND	0.528	mg/kg dry		ND					35	
Matrix Spike (BA80996-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/25/2018			
Chromium, Hexavalent	18.3	0.528	mg/kg dry	21.1	ND	86.8	75-125				
Reference (BA80996-SRM1)								Prepared & Analyzed: 01/25/2018			
Chromium, Hexavalent	89.2		mg/L	207		43.1	25.6-116.9				
Batch BA81191 - Analysis Preparation Soil											
Blank (BA81191-BLK1)								Prepared & Analyzed: 01/30/2018			
Cyanide, total	ND	0.500	mg/kg wet								
LCS (BA81191-BS1)								Prepared & Analyzed: 01/30/2018			
Cyanide, total	49.0		ug/mL	62.8		78.0	72.9-112				
Duplicate (BA81191-DUP1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/30/2018			
Cyanide, total	ND	0.528	mg/kg dry		ND					15	
Matrix Spike (BA81191-MS1)	*Source sample: 18A0821-05 (SB109_22-24)							Prepared & Analyzed: 01/30/2018			
Cyanide, total	9.41	0.528	mg/kg dry	10.6	ND	89.0	79.6-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0821-01	SB109_0-1	40mL Vial with Stir Bar-Cool 4° C
18A0821-02	SB109_7-8	40mL Vial with Stir Bar-Cool 4° C
18A0821-04	SB109_19-20	40mL Vial with Stir Bar-Cool 4° C
18A0821-05	SB109_22-24	40mL Vial with Stir Bar-Cool 4° C
18A0821-05	SB109_22-24	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
S-08	The recovery of this surrogate was outside of QC limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-04	Visual evaluation of the sample indicates the RPD is above the control limit due to a non-homogeneous sample matrix.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0821

YOUR Information

Company: LANGAN
Address: 360 W 31st Street 7th floor, New York, NY 10001
Phone No. 212 479 5400
Contact Person: Kim Del Col
E-Mail Address: Kdelcol@langan.com

Report To:

Company: "
Address:
Phone No.
Attention:
E-Mail Address: SKNOPP@langan.com

Invoice To:

Company: "
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB109_0-1	1/24/18 0840	S	TCL+30 VOCs+SVOCs, Pest, Herb, PCBs, TAL metals, Cr^{6+}, Cr^{3+}	4 40-mL, 2 8-oz
SB109_7-8	1/24/18 0930	S	TCL+30 VOCs+SVOCs, Pest, Herb, PCBs, TAL metals, Cr^{6+}, Cr^{3+}	4 40-mL, 2 8-oz
SB109_11-12	1/24/18 0940	S	TCL+30 VOCs+SVOCs, Pest, Herb, PCBs, TAL metals, Cr^{6+}, Cr^{3+} - HOLD	4 40-mL, 2 8-oz
SB109_19-20	1/24/18 0950	S	TCL+30 VOCs+SVOCs, Pest, Herb, PCBs, TAL metals, Cr^{6+}, Cr^{3+}	4 40-mL, 2 8-oz
SB109_22-24	1/24/18 0955	S	TCL+30 VOCs+SVOCs, Pest, Herb, PCBs, TAL metals, Cr^{6+}, Cr^{3+}	4 40-mL, 2 8-oz
SB109_28-30	1/24/18 1105	S	TCL+30 VOCs+SVOCs, Pest, Herb, PCBs, TAL metals, Cr^{6+}, Cr^{3+} - HOLD	4 40-mL, 2 8-oz
EBMS02_012418	1/24/18 0955	S	TCL+30 VOCs+SVOCs, Pest, Herb, PCBs, TAL metals, Cr^{6+}, Cr^{3+} SB109_22-24 parent	4 40-mL, 2 8-oz
EBMSD02_012418	1/24/18 0955	S	TCL+30 VOCs+SVOCs, Pest, Herb, PCBs, TAL metals, Cr^{6+}, Cr^{3+} SB109_22-24 parent	4 40-mL, 2 8-oz

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 1/24/18 1410
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 1/24/18 1410
Samples Received in LAB by — Date/Time: 11/24/18 1848

Temperature on Receipt 1.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0832

Report Date: 01/30/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0832

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 24, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0832-01	SVP112_012418	Soil Vapor	01/24/2018	01/24/2018

General Notes for York Project (SDG) No.: 18A0832

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

Approved By:

Date: 01/30/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SVP112_012418 **York Sample ID:** 18A0832-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0832	170384501	Soil Vapor	January 24, 2018 3:00 pm	01/24/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.83	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.83	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.61	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**24**		ug/m³	0.75	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.91	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.61	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.70	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**16**		ug/m³	0.75	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.91	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.70	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.91	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**44**		ug/m³	0.45	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP112_012418 **York Sample ID:** 18A0832-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0832	170384501	Soil Vapor	January 24, 2018 3:00 pm	01/24/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**25**		ug/m³	1.2	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**15**		ug/m³	0.62	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**36**		ug/m³	0.72	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.33	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**12**		ug/m³	0.48	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.79	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.6	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.59	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.47	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**21**		ug/m³	0.24	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.70	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.40	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**21**		ug/m³	0.74	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.31	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.69	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**12**		ug/m³	0.52	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**18**		ug/m³	0.75	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP112_012418 **York Sample ID:** 18A0832-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0832	170384501	Soil Vapor	January 24, 2018 3:00 pm	01/24/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**22**		ug/m³	0.66	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**13**		ug/m³	0.75	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.62	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.55	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**26**		ug/m³	1.1	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**17**		ug/m³	0.62	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**11**		ug/m³	0.53	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**23**		ug/m³	0.66	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**55**		ug/m³	1.3	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**25**		ug/m³	0.75	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:			
115-07-1	*** Propylene**	**13**		ug/m³	0.26	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.65	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**29**		ug/m³	0.26	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.89	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:			
108-88-3	**Toluene**	**35**		ug/m³	0.57	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.60	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.69	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ug/m³	0.20	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**20**		ug/m³	0.85	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.53	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.66	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SVP112_012418 **York Sample ID:** 18A0832-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0832	170384501	Soil Vapor	January 24, 2018 3:00 pm	01/24/2018

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.097	1.517	EPA TO-15	01/29/2018 19:03	01/29/2018 19:03	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.6 %*	*70-130*

Analytical Batch Summary

Batch ID: BA81179 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18A0832-01	SVP112_012418	01/29/18
BA81179-BLK1	Blank	01/29/18
BA81179-BS1	LCS	01/29/18
BA81179-DUP1	Duplicate	01/29/18

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81179 - EPA TO15 PREP											
Blank (BA81179-BLK1)											Prepared & Analyzed: 01/29/2018
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81179 - EPA TO15 PREP											
Blank (BA81179-BLK1)								Prepared & Analyzed: 01/29/2018			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*8.95*		*ppbv*	*10.0*		*89.5*	*70-130*				
LCS (BA81179-BS1)								Prepared & Analyzed: 01/29/2018			
1,1,1,2-Tetrachloroethane	9.76		ppbv	10.0		97.6	70-130				
1,1,1-Trichloroethane	11.5		"	10.0		115	70-130				
1,1,2,2-Tetrachloroethane	9.17		"	10.0		91.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130				
1,1,2-Trichloroethane	8.23		"	10.0		82.3	70-130				
1,1-Dichloroethane	10.0		"	10.0		100	70-130				
1,1-Dichloroethylene	10.8		"	10.0		108	70-130				
1,2,4-Trichlorobenzene	6.92		"	10.0		69.2	70-130	Low Bias			
1,2,4-Trimethylbenzene	9.62		"	10.0		96.2	70-130				
1,2-Dibromoethane	8.97		"	10.0		89.7	70-130				
1,2-Dichlorobenzene	9.21		"	10.0		92.1	70-130				
1,2-Dichloroethane	10.3		"	10.0		103	70-130				
1,2-Dichloropropane	8.13		"	10.0		81.3	70-130				
1,2-Dichlorotetrafluoroethane	7.22		"	10.0		72.2	70-130				
1,3,5-Trimethylbenzene	9.38		"	10.0		93.8	70-130				
1,3-Butadiene	4.35		"	10.0		43.5	70-130	Low Bias			
1,3-Dichlorobenzene	9.19		"	10.0		91.9	70-130				
1,3-Dichloropropane	8.66		"	10.0		86.6	70-130				
1,4-Dichlorobenzene	9.23		"	10.0		92.3	70-130				
1,4-Dioxane	8.68		"	10.0		86.8	70-130				
2-Butanone	7.91		"	10.0		79.1	70-130				
2-Hexanone	7.11		"	10.0		71.1	70-130				
3-Chloropropene	9.44		"	10.0		94.4	70-130				
4-Methyl-2-pentanone	7.50		"	10.0		75.0	70-130				
Acetone	8.48		"	10.0		84.8	70-130				
Acrylonitrile	8.88		"	10.0		88.8	70-130				
Benzene	9.53		"	10.0		95.3	70-130				
Benzyl chloride	8.73		"	10.0		87.3	70-130				
Bromodichloromethane	9.22		"	10.0		92.2	70-130				
Bromoform	10.4		"	10.0		104	70-130				
Bromomethane	11.9		"	10.0		119	70-130				
Carbon disulfide	10.9		"	10.0		109	70-130				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81179 - EPA TO15 PREP											
LCS (BA81179-BS1)								Prepared & Analyzed: 01/29/2018			
Carbon tetrachloride	11.5		ppbv	10.0		115	70-130				
Chlorobenzene	9.02		"	10.0		90.2	70-130				
Chloroethane	13.2		"	10.0		132	70-130	High Bias			
Chloroform	10.6		"	10.0		106	70-130				
Chloromethane	9.94		"	10.0		99.4	70-130				
cis-1,2-Dichloroethylene	8.67		"	10.0		86.7	70-130				
cis-1,3-Dichloropropylene	9.44		"	10.0		94.4	70-130				
Cyclohexane	10.6		"	10.0		106	70-130				
Dibromochloromethane	9.70		"	10.0		97.0	70-130				
Dichlorodifluoromethane	14.0		"	10.0		140	70-130	High Bias			
Ethyl acetate	8.03		"	10.0		80.3	70-130				
Ethyl Benzene	9.65		"	10.0		96.5	70-130				
Hexachlorobutadiene	10.1		"	10.0		101	70-130				
Isopropanol	8.40		"	10.0		84.0	70-130				
Methyl Methacrylate	8.30		"	10.0		83.0	70-130				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	70-130				
Methylene chloride	9.05		"	10.0		90.5	70-130				
n-Heptane	8.60		"	10.0		86.0	70-130				
n-Hexane	8.71		"	10.0		87.1	70-130				
o-Xylene	9.67		"	10.0		96.7	70-130				
p- & m- Xylenes	18.6		"	20.0		92.8	70-130				
p-Ethyltoluene	9.89		"	10.0		98.9	70-130				
Propylene	11.9		"	10.0		119	70-130				
Styrene	9.22		"	10.0		92.2	70-130				
Tetrachloroethylene	8.12		"	10.0		81.2	70-130				
Tetrahydrofuran	8.83		"	10.0		88.3	70-130				
Toluene	8.62		"	10.0		86.2	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	70-130				
Trichloroethylene	8.71		"	10.0		87.1	70-130				
Trichlorofluoromethane (Freon 11)	12.0		"	10.0		120	70-130				
Vinyl acetate	8.62		"	10.0		86.2	70-130				
Vinyl bromide	13.0		"	10.0		130	70-130				
Vinyl Chloride	8.77		"	10.0		87.7	70-130				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*70-130*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81179 - EPA TO15 PREP											
Duplicate (BA81179-DUP1)	*Source sample: 18A0832-01 (SVP112_012418)								Prepared & Analyzed: 01/29/2018		
1,1,1,2-Tetrachloroethane	ND	1.0	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.83	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.0	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.2	"		ND					25	
1,1,2-Trichloroethane	ND	0.83	"		ND					25	
1,1-Dichloroethane	ND	0.61	"		ND					25	
1,1-Dichloroethylene	ND	0.15	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	31	0.75	"		24				25.9	25	Non-dir.
1,2-Dibromoethane	ND	1.2	"		ND					25	
1,2-Dichlorobenzene	ND	0.91	"		ND					25	
1,2-Dichloroethane	ND	0.61	"		ND					25	
1,2-Dichloropropane	ND	0.70	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.1	"		ND					25	
1,3,5-Trimethylbenzene	21	0.75	"		16				26.1	25	Non-dir.
1,3-Butadiene	ND	1.0	"		ND					25	
1,3-Dichlorobenzene	ND	0.91	"		ND					25	
1,3-Dichloropropane	ND	0.70	"		ND					25	
1,4-Dichlorobenzene	ND	0.91	"		ND					25	
1,4-Dioxane	ND	1.1	"		ND					25	
2-Butanone	47	0.45	"		44				7.09	25	
2-Hexanone	27	1.2	"		25				5.71	25	
3-Chloropropene	ND	2.4	"		ND					25	
4-Methyl-2-pentanone	16	0.62	"		15				5.89	25	
Acetone	43	0.72	"		36				19.6	25	
Acrylonitrile	ND	0.33	"		ND					25	
Benzene	15	0.48	"		12				16.9	25	
Benzyl chloride	ND	0.79	"		ND					25	
Bromodichloromethane	ND	1.0	"		ND					25	
Bromoform	ND	1.6	"		ND					25	
Bromomethane	ND	0.59	"		ND					25	
Carbon disulfide	ND	0.47	"		ND					25	
Carbon tetrachloride	26	0.24	"		21				22.8	25	
Chlorobenzene	ND	0.70	"		ND					25	
Chloroethane	ND	0.40	"		ND					25	
Chloroform	25	0.74	"		21				18.8	25	
Chloromethane	ND	0.31	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.15	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.69	"		ND					25	
Cyclohexane	15	0.52	"		12				17.6	25	
Dibromochloromethane	ND	1.3	"		ND					25	
Dichlorodifluoromethane	23	0.75	"		18				27.2	25	Non-dir.
Ethyl acetate	ND	1.1	"		ND					25	
Ethyl Benzene	25	0.66	"		22				9.55	25	
Hexachlorobutadiene	ND	1.6	"		ND					25	
Isopropanol	15	0.75	"		13				17.7	25	
Methyl Methacrylate	ND	0.62	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.55	"		ND					25	
Methylene chloride	30	1.1	"		26				14.9	25	
n-Heptane	20	0.62	"		17				13.9	25	
n-Hexane	13	0.53	"		11				15.1	25	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81179 - EPA TO15 PREP											
Duplicate (BA81179-DUP1)	*Source sample: 18A0832-01 (SVP112_012418)								Prepared & Analyzed: 01/29/2018		
o-Xylene	26	0.66	ug/m³		23				14.3	25	
p- & m- Xylenes	63	1.3	"		55				14.1	25	
p-Ethyltoluene	32	0.75	"		25				26.1	25	Non-dir.
Propylene	18	0.26	"		13				29.3	25	Non-dir.
Styrene	ND	0.65	"		ND					25	
Tetrachloroethylene	33	0.26	"		29				12.9	25	
Tetrahydrofuran	ND	0.89	"		ND					25	
Toluene	38	0.57	"		35				9.58	25	
trans-1,2-Dichloroethylene	ND	0.60	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.69	"		ND					25	
Trichloroethylene	ND	0.20	"		ND					25	
Trichlorofluoromethane (Freon 11)	25	0.85	"		20				23.7	25	
Vinyl acetate	ND	0.53	"		ND					25	
Vinyl bromide	ND	0.66	"		ND					25	
Vinyl Chloride	ND	0.097	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.1*		*ppbv*	*10.0*		*101*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No.

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENG.	Company: "	Company: "	170384501	RUSH - Next Day
Address: 360 W 31ST ST 8FL. NEW YORK, NY 10001	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone.: (212)479-4946	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM DELCOL	Contact:	Contact:		RUSH - Four Day
E-mail: KDELCOL@LANGAN.COM	E-mail: SKNOOP@LANGAN.COM	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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

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

Taylor Morgan

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

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m^3 ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SVP112-012418	01/24/18	AS	-29.57	-4.88	24108	Y36	TO-15 VOCS
IA112-012418	01/24/18	AI	-29.26	-12.55	28307	Y41	TO-15 VOCS - DO NOT RUN
AA112-012418	01/24/18	AO	-29.43	-7.44	28303	Y22	TO-15 VOCS - DO NOT RUN

Comments:

Detection Limits Required	Sampling Media
≤ 1 ug/m^3 ___ NYSDEC V1 Limits ___	6 Liter Canister X
Routine Survey ___ Other ___	Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	01/24/18 1410		1/24/18 1410		1/24/18 506
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
					1-24-18 1706

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/05/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0984

Report Date: 02/05/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A0984

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 29, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A0984-01	SB117_0-2	Soil	01/29/2018	01/29/2018
18A0984-04	SB117_15-16	Soil	01/29/2018	01/29/2018
18A0984-05	SB117_18-20	Soil	01/29/2018	01/29/2018
18A0984-06	SB117_24-25	Soil	01/29/2018	01/29/2018
18A0984-07	DUP04_012918	Soil	01/29/2018	01/29/2018

General Notes for York Project (SDG) No.: 18A0984

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

Approved By:

Date: 02/05/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0092	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.4 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**methyl naphthalene isomer**	**6.5**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 16:30	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0495**	J	mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0798**	J	mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.215**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.211**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.191**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.132**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.166**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.181**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0924	0.185	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.510**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.124**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.361**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.428**		mg/kg dry	0.0463	0.0924	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*67.9 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*75.1 %*	*23-114*

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*86.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.1 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*89.1 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*54.2 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/31/2018 13:50	02/01/2018 14:05	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/31/2018 07:54	02/01/2018 10:17	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH	01/31/2018 07:54	02/01/2018 10:17	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:17	SA

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:17	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00914	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0925	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:17	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	01/31/2018 07:54	01/31/2018 18:45	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	01/31/2018 07:54	01/31/2018 18:45	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	01/31/2018 07:54	01/31/2018 18:45	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	01/31/2018 07:54	01/31/2018 18:45	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	01/31/2018 07:54	01/31/2018 18:45	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	01/31/2018 07:54	01/31/2018 18:45	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	01/31/2018 07:54	01/31/2018 18:45	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	01/31/2018 07:54	01/31/2018 18:45	LAB
							Certifications:			

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:11	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:11	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:11	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*105 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7310**		mg/kg dry	5.54	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.554	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.47**		mg/kg dry	1.11	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**49.0**		mg/kg dry	1.11	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1490**	B	mg/kg dry	5.54	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.9**		mg/kg dry	0.554	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.01**		mg/kg dry	0.554	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/kg dry	44.3	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**14100**	B	mg/kg dry	2.22	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**39.2**		mg/kg dry	0.554	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1900**		mg/kg dry	5.54	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**237**		mg/kg dry	0.554	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**15.2**		mg/kg dry	0.554	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**694**	B	mg/kg dry	5.54	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.17**		mg/kg dry	1.11	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**102**	B	mg/kg dry	11.1	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**20.4**		mg/kg dry	1.11	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**87.7**		mg/kg dry	1.66	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.136**		mg/kg dry	0.0332	1	EPA 7473	01/30/2018 09:37	01/30/2018 13:43	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	02/01/2018 16:46	02/01/2018 19:42	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB117_0-2 **York Sample ID:** 18A0984-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 9:25 am	01/29/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	01/30/2018 07:28	01/30/2018 17:58	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.9**		mg/kg	0.500	1	Calculation	02/05/2018 15:32	02/05/2018 15:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	01/31/2018 09:23	01/31/2018 17:08	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB117_15-16** **York Sample ID:** **18A0984-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.0053**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.013**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.056**		mg/kg dry	0.0050	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.0025**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0061**	CCV-E, J	mg/kg dry	0.0050	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*91.8 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**heptanal isomer**	**6.8**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:			
110-54-3	**Hexane**	**6.8**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:			
NA	**nonanal isomer**	**16**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:10	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.394	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.394	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.394	2	EPA 8270D	01/31/2018 13:50	02/01/2018 14:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*64.8 %*		*20-108*							
4165-62-2	*Surrogate: Phenol-d5*	*73.1 %*		*23-114*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*83.2 %*		*22-108*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.4 %*		*21-113*							
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*79.6 %*		*19-110*							
1718-51-0	*Surrogate: Terphenyl-d14*	*59.4 %*		*24-116*							

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/31/2018 13:50	02/01/2018 14:34	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/31/2018 07:54	02/01/2018 10:32	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0387	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 10:32	SA

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00194	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00194	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00194	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00194	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00194	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00194	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00194	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00194	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00968	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0979	5	EPA 8081B	01/31/2018 07:54	02/01/2018 10:32	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:09	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:09	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:09	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:09	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:09	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:09	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:09	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:09	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0230	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:24	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0230	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:24	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0230	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:24	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*107 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13800**		mg/kg dry	5.90	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**1.14**		mg/kg dry	0.590	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.14**		mg/kg dry	1.18	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**70.4**		mg/kg dry	1.18	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.118	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.354	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**3790**	B	mg/kg dry	5.90	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**51.4**		mg/kg dry	0.590	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	**Cobalt**	**12.5**		mg/kg dry	0.590	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/kg dry	47.2	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**21200**	B	mg/kg dry	2.36	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**9.90**		mg/kg dry	0.590	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4530**		mg/kg dry	5.90	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**480**		mg/kg dry	0.590	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**35.3**		mg/kg dry	0.590	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1910**	B	mg/kg dry	5.90	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.74**		mg/kg dry	1.18	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.590	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**826**	B	mg/kg dry	11.8	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**41.9**		mg/kg dry	1.18	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**40.6**		mg/kg dry	1.77	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0354	1	EPA 7473	01/30/2018 09:37	01/30/2018 14:09	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.7**		%	0.100	1	SM 2540G	02/01/2018 16:46	02/01/2018 19:42	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB117_15-16 **York Sample ID:** 18A0984-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:30 am	01/29/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.590	1	EPA 7196A	01/31/2018 08:00	01/31/2018 14:43	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**51.4**		mg/kg	0.500	1	Calculation	02/05/2018 15:32	02/05/2018 15:46	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.590	1	EPA 9014/9010C	01/31/2018 09:23	01/31/2018 17:08	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB117_18-20** **York Sample ID:** **18A0984-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.0027**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.030**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0028**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.022**		mg/kg dry	0.0050	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.030**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.0091**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.0084**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.041**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.043**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.021**		mg/kg dry	0.0050	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**0.019**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.016**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.021**		mg/kg dry	0.0075	0.015	1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**(Dimethylpropyl) Benzene isomer**	**110**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:			
NA	**Diethyl Benzene isomer**	**200**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:			
NA	**dihydro methyl indene isomers**	**330**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:			
NA	**ethyl (methylethyl) benzene isomer**	**120**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:			
NA	**Ethyl Dimethyl Benzene isomers**	**560**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:			
NA	**methyl Heptane isomer**	**120**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:			
NA	**Methyl Indan isomer**	**130**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:			
NA	**Trimethyl Benzene isomer**	**180**	N	ug/kg dry			1	EPA 8260C	01/31/2018 07:30	01/31/2018 18:43	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*75.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*84.3 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*97.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*71.9 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*86.9 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*62.6 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:05	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00894	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0905	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:32	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:33	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:33	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:33	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:33	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:33	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:33	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:33	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:33	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:37	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:37	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:37	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*110 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6650**		mg/kg dry	5.44	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.544	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**1.13**		mg/kg dry	1.09	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**51.0**		mg/kg dry	1.09	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.326	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2020**	B	mg/kg dry	5.44	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.5**		mg/kg dry	0.544	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.66**		mg/kg dry	0.544	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/kg dry	43.5	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13300**	B	mg/kg dry	2.17	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.99**		mg/kg dry	0.544	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3000**		mg/kg dry	5.44	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**373**		mg/kg dry	0.544	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**40.1**		mg/kg dry	0.544	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1180**	B	mg/kg dry	5.44	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.41**		mg/kg dry	1.09	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.544	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**338**	B	mg/kg dry	10.9	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**23.3**		mg/kg dry	1.09	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**34.1**		mg/kg dry	1.63	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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

Sample Information

Client Sample ID: SB117_18-20 **York Sample ID:** 18A0984-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 11:25 am	01/29/2018

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0326	1	EPA 7473	01/30/2018 09:37	01/30/2018 14:18	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.0**		%	0.100	1	SM 2540G	02/01/2018 16:46	02/01/2018 19:42	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.544	1	EPA 7196A	01/31/2018 08:00	01/31/2018 14:43	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.5**		mg/kg	0.500	1	Calculation	02/05/2018 15:32	02/05/2018 15:46	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	01/31/2018 09:23	01/31/2018 17:08	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB117_24-25** **York Sample ID:** **18A0984-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.67**	E	mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.24**	E	mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.093	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	**2-Hexanone**	**0.27**	E	mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.015**	SCAL-E	mg/kg dry	0.0047	0.0093	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.14**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.037**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.069**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.071**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.14**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.043**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.31**		mg/kg dry	0.0047	0.0093	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**0.014**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.026**		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.35**		mg/kg dry	0.0070	0.014	1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dimethyl Heptane isomer**	**500**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:			
142-82-5	**Heptane**	**320**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:			
NA	**methyl Heptane isomers**	**790**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:			
NA	**methyl hexane isomers**	**610**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:			
NA	**Trimethyl Benzene isomer**	**170**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:			
NA	**trimethyl Hexane isomer**	**420**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:			
NA	**Trimethyl pentane isomers**	**730**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 15:22	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.359	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.359	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0897	0.179	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0449	0.0897	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.359	2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*79.3 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*86.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.6 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*72.6 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*55.3 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/31/2018 13:50	02/01/2018 15:36	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		mg/kg dry	0.0356	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00890	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0901	5	EPA 8081B	01/31/2018 07:54	02/01/2018 11:47	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	01/31/2018 07:54	01/31/2018 19:57	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	01/31/2018 04:49	01/31/2018 15:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*120 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5570**		mg/kg dry	5.39	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.592**		mg/kg dry	0.539	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.51**		mg/kg dry	1.08	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**38.3**		mg/kg dry	1.08	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.108	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1550**	B	mg/kg dry	5.39	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.3**		mg/kg dry	0.539	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.18**		mg/kg dry	0.539	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/kg dry	43.1	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11700**	B	mg/kg dry	2.16	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.75**		mg/kg dry	0.539	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2780**		mg/kg dry	5.39	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**348**		mg/kg dry	0.539	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**39.0**		mg/kg dry	0.539	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1240**	B	mg/kg dry	5.39	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.08	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.539	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**225**	B	mg/kg dry	10.8	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.08	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**23.5**		mg/kg dry	1.08	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**30.8**		mg/kg dry	1.62	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:47	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0324	1	EPA 7473	01/30/2018 09:37	01/30/2018 14:26	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB117_24-25 **York Sample ID:** 18A0984-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:05 pm	01/29/2018

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.7**		%	0.100	1	SM 2540G	02/01/2018 16:46	02/01/2018 19:42	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.539	1	EPA 7196A	01/31/2018 08:00	01/31/2018 14:43	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.3**		mg/kg	0.500	1	Calculation	02/05/2018 15:32	02/05/2018 15:46	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.539	1	EPA 9014/9010C	01/31/2018 09:23	01/31/2018 17:08	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **DUP04_012918** **York Sample ID:** **18A0984-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0050**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.034**	SCAL-E	mg/kg dry	0.0058	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:49	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.193	0.386	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.193	0.386	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0964	0.193	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0483	0.0964	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.193	0.386	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*88.4 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*98.3 %*	*23-114*

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*104 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*77.6 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*98.4 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*62.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/31/2018 13:50	02/01/2018 16:07	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/31/2018 07:54	02/01/2018 12:02	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0382	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH	01/31/2018 07:54	02/01/2018 12:02	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/31/2018 07:54	02/01/2018 12:02	SA

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B	01/31/2018 07:54	02/01/2018 12:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B	01/31/2018 07:54	02/01/2018 12:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B	01/31/2018 07:54	02/01/2018 12:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B	01/31/2018 07:54	02/01/2018 12:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B	01/31/2018 07:54	02/01/2018 12:02	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B	01/31/2018 07:54	02/01/2018 12:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B	01/31/2018 07:54	02/01/2018 12:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00954	5	EPA 8081B	01/31/2018 07:54	02/01/2018 12:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0965	5	EPA 8081B	01/31/2018 07:54	02/01/2018 12:02	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A	01/31/2018 07:54	01/31/2018 20:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A	01/31/2018 07:54	01/31/2018 20:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A	01/31/2018 07:54	01/31/2018 20:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A	01/31/2018 07:54	01/31/2018 20:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A	01/31/2018 07:54	01/31/2018 20:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A	01/31/2018 07:54	01/31/2018 20:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A	01/31/2018 07:54	01/31/2018 20:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A	01/31/2018 07:54	01/31/2018 20:21	LAB
							Certifications:			

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0231	1	EPA 8151A	01/31/2018 04:49	01/31/2018 16:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0231	1	EPA 8151A	01/31/2018 04:49	01/31/2018 16:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0231	1	EPA 8151A	01/31/2018 04:49	01/31/2018 16:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*114 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13400**		mg/kg dry	5.78	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.831**		mg/kg dry	0.578	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.85**		mg/kg dry	1.16	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**52.0**		mg/kg dry	1.16	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.116	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.347	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4070**	B	mg/kg dry	5.78	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**42.9**		mg/kg dry	0.578	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.1**		mg/kg dry	0.578	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/kg dry	46.2	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**19300**	B	mg/kg dry	2.31	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**8.86**		mg/kg dry	0.578	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3480**		mg/kg dry	5.78	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**452**		mg/kg dry	0.578	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**24.8**		mg/kg dry	0.578	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1120**	B	mg/kg dry	5.78	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.58**		mg/kg dry	1.16	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.578	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**806**	B	mg/kg dry	11.6	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.16	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**30.6**		mg/kg dry	1.16	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**31.2**		mg/kg dry	1.73	1	EPA 6010C	01/30/2018 09:41	01/30/2018 23:52	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0347	1	EPA 7473	01/30/2018 09:37	01/30/2018 14:35	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.5**		%	0.100	1	SM 2540G	02/01/2018 16:46	02/01/2018 19:42	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DUP04_012918 **York Sample ID:** 18A0984-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A0984	170384501	Soil	January 29, 2018 12:34 pm	01/29/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.578	1	EPA 7196A	01/31/2018 08:00	01/31/2018 14:43	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**42.9**		mg/kg	0.500	1	Calculation	02/05/2018 15:32	02/05/2018 15:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.578	1	EPA 9014/9010C	01/31/2018 09:23	01/31/2018 17:08	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BA81170 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-01	SB117_0-2	01/30/18
BA81170-BLK1	Blank	01/30/18
BA81170-SRM1	Reference	01/30/18

Batch ID: BA81183 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-01	SB117_0-2	01/30/18
18A0984-04	SB117_15-16	01/30/18
18A0984-05	SB117_18-20	01/30/18
18A0984-06	SB117_24-25	01/30/18
18A0984-07	DUP04_012918	01/30/18
BA81183-BLK1	Blank	01/30/18
BA81183-SRM1	Reference	01/30/18

Batch ID: BA81184 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-01	SB117_0-2	01/30/18
18A0984-04	SB117_15-16	01/30/18
18A0984-05	SB117_18-20	01/30/18
18A0984-06	SB117_24-25	01/30/18
18A0984-07	DUP04_012918	01/30/18
BA81184-BLK1	Blank	01/30/18
BA81184-SRM1	Reference	01/30/18

Batch ID: BA81239 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-01	SB117_0-2	01/31/18
18A0984-04	SB117_15-16	01/31/18
18A0984-05	SB117_18-20	01/31/18
18A0984-06	SB117_24-25	01/31/18
18A0984-07	DUP04_012918	01/31/18
BA81239-BLK1	Blank	01/31/18
BA81239-BS1	LCS	01/31/18

Batch ID: BA81244 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-01	SB117_0-2	01/31/18
18A0984-01	SB117_0-2	01/31/18
18A0984-04	SB117_15-16	01/31/18

18A0984-04	SB117_15-16	01/31/18
18A0984-05	SB117_18-20	01/31/18
18A0984-05	SB117_18-20	01/31/18
18A0984-06	SB117_24-25	01/31/18
18A0984-06	SB117_24-25	01/31/18
18A0984-07	DUP04_012918	01/31/18
18A0984-07	DUP04_012918	01/31/18
BA81244-BLK1	Blank	01/31/18
BA81244-BLK2	Blank	01/31/18
BA81244-BS1	LCS	01/31/18
BA81244-BS2	LCS	01/31/18

Batch ID: BA81246 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-04	SB117_15-16	01/31/18
18A0984-05	SB117_18-20	01/31/18
18A0984-06	SB117_24-25	01/31/18
18A0984-07	DUP04_012918	01/31/18
BA81246-BLK1	Blank	01/31/18
BA81246-DUP1	Duplicate	01/31/18
BA81246-MS1	Matrix Spike	01/31/18
BA81246-SRM1	Reference	01/31/18

Batch ID: BA81250 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-01	SB117_0-2	01/31/18
18A0984-04	SB117_15-16	01/31/18
18A0984-05	SB117_18-20	01/31/18
BA81250-BLK1	Blank	01/31/18
BA81250-BLK2	Blank	01/31/18
BA81250-BS1	LCS	01/31/18
BA81250-BSD1	LCS Dup	01/31/18

Batch ID: BA81256 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-01	SB117_0-2	01/31/18
18A0984-04	SB117_15-16	01/31/18
18A0984-05	SB117_18-20	01/31/18
18A0984-06	SB117_24-25	01/31/18
18A0984-07	DUP04_012918	01/31/18
BA81256-BLK1	Blank	01/31/18
BA81256-BS1	LCS	01/31/18

Batch ID: BA81284 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date

18A0984-01	SB117_0-2	01/31/18
18A0984-01	SB117_0-2	01/31/18
18A0984-04	SB117_15-16	01/31/18
18A0984-04	SB117_15-16	01/31/18
18A0984-05	SB117_18-20	01/31/18
18A0984-05	SB117_18-20	01/31/18
18A0984-06	SB117_24-25	01/31/18
18A0984-06	SB117_24-25	01/31/18
18A0984-07	DUP04_012918	01/31/18
18A0984-07	DUP04_012918	01/31/18
BA81284-BLK1	Blank	01/31/18
BA81284-BLK1	Blank	01/31/18
BA81284-BS1	LCS	01/31/18

Batch ID: BB80051 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-01	SB117_0-2	02/01/18
18A0984-04	SB117_15-16	02/01/18
18A0984-05	SB117_18-20	02/01/18
18A0984-06	SB117_24-25	02/01/18
18A0984-07	DUP04_012918	02/01/18

Batch ID: BB80139 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-06	SB117_24-25	02/05/18
18A0984-07	DUP04_012918	02/05/18
BB80139-BLK1	Blank	02/05/18
BB80139-BS1	LCS	02/05/18
BB80139-BSD1	LCS Dup	02/05/18

Batch ID: BB80164 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A0984-01	SB117_0-2	02/05/18
18A0984-04	SB117_15-16	02/05/18
18A0984-05	SB117_18-20	02/05/18
18A0984-06	SB117_24-25	02/05/18
18A0984-07	DUP04_012918	02/05/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81250 - EPA 5035A											
Blank (BA81250-BLK1)											
Prepared & Analyzed: 01/31/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0046	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81250 - EPA 5035A											
Blank (BA81250-BLK1)											Prepared & Analyzed: 01/31/2018
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*47.0*		*ug/L*	*50.0*		*94.0*	*77-125*				
Surrogate: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
Blank (BA81250-BLK2)											Prepared & Analyzed: 01/31/2018
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81250 - EPA 5035A											
Blank (BA81250-BLK2)									Prepared & Analyzed: 01/31/2018		
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*48.2*		*ug/L*	*50.0*		*96.5*	*77-125*				
Surrogate: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81250 - EPA 5035A											
LCS (BA81250-BS1)								Prepared & Analyzed: 01/31/2018			
1,1,1,2-Tetrachloroethane	50.5		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	49.6		"	50.0		99.2	71-137				
1,1,2,2-Tetrachloroethane	49.7		"	50.0		99.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.8		"	50.0		91.7	58-146				
1,1,2-Trichloroethane	48.3		"	50.0		96.6	83-123				
1,1-Dichloroethane	49.7		"	50.0		99.4	75-130				
1,1-Dichloroethylene	44.9		"	50.0		89.8	64-137				
1,2,3-Trichlorobenzene	48.8		"	50.0		97.7	81-140				
1,2,3-Trichloropropane	48.1		"	50.0		96.3	81-126				
1,2,4-Trichlorobenzene	48.8		"	50.0		97.6	80-141				
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125				
1,2-Dibromo-3-chloropropane	43.7		"	50.0		87.4	74-142				
1,2-Dibromoethane	48.3		"	50.0		96.6	86-123				
1,2-Dichlorobenzene	47.6		"	50.0		95.2	85-122				
1,2-Dichloroethane	49.9		"	50.0		99.8	71-133				
1,2-Dichloropropane	46.2		"	50.0		92.3	81-122				
1,3,5-Trimethylbenzene	48.5		"	50.0		96.9	82-126				
1,3-Dichlorobenzene	47.1		"	50.0		94.3	84-124				
1,4-Dichlorobenzene	47.2		"	50.0		94.4	84-124				
1,4-Dioxane	1070		"	1050		102	10-228				
2-Butanone	49.8		"	50.0		99.5	58-147				
2-Hexanone	45.8		"	50.0		91.6	70-139				
4-Methyl-2-pentanone	46.6		"	50.0		93.2	72-132				
Acetone	37.6		"	50.0		75.1	36-155				
Acrolein	17.0		"	50.0		34.1	10-238				
Acrylonitrile	38.4		"	50.0		76.8	66-141				
Benzene	49.8		"	50.0		99.7	77-127				
Bromochloromethane	46.7		"	50.0		93.3	74-129				
Bromodichloromethane	47.4		"	50.0		94.9	81-124				
Bromoform	48.0		"	50.0		96.0	80-136				
Bromomethane	49.9		"	50.0		99.8	32-177				
Carbon disulfide	49.5		"	50.0		99.0	10-136				
Carbon tetrachloride	50.9		"	50.0		102	66-143				
Chlorobenzene	48.6		"	50.0		97.3	86-120				
Chloroethane	49.5		"	50.0		99.0	51-142				
Chloroform	49.4		"	50.0		98.9	76-131				
Chloromethane	56.4		"	50.0		113	49-132				
cis-1,2-Dichloroethylene	49.4		"	50.0		98.8	74-132				
cis-1,3-Dichloropropylene	48.2		"	50.0		96.5	81-129				
Cyclohexane	48.2		"	50.0		96.3	70-130				
Dibromochloromethane	50.6		"	50.0		101	10-200				
Dibromomethane	47.0		"	50.0		93.9	83-124				
Dichlorodifluoromethane	68.7		"	50.0		137	28-158				
Ethyl Benzene	49.7		"	50.0		99.5	84-125				
Hexachlorobutadiene	50.8		"	50.0		102	83-133				
Isopropylbenzene	48.2		"	50.0		96.4	81-127				
Methyl acetate	33.2		"	50.0		66.4	41-143				
Methyl tert-butyl ether (MTBE)	44.0		"	50.0		88.1	74-131				
Methylcyclohexane	48.2		"	50.0		96.4	70-130				
Methylene chloride	37.8		"	50.0		75.7	57-141				
n-Butylbenzene	47.9		"	50.0		95.8	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81250 - EPA 5035A											
LCS (BA81250-BS1)								Prepared & Analyzed: 01/31/2018			
n-Propylbenzene	47.6		ug/L	50.0		95.1	74-136				
o-Xylene	49.9		"	50.0		99.7	83-123				
p- & m- Xylenes	98.9		"	100		98.9	82-128				
p-Isopropyltoluene	48.4		"	50.0		96.9	85-125				
sec-Butylbenzene	50.6		"	50.0		101	83-125				
Styrene	47.7		"	50.0		95.4	86-126				
tert-Butyl alcohol (TBA)	191		"	250		76.5	70-130				
tert-Butylbenzene	48.9		"	50.0		97.7	80-127				
Tetrachloroethylene	47.0		"	50.0		94.0	80-129				
Toluene	48.6		"	50.0		97.2	85-121				
trans-1,2-Dichloroethylene	41.3		"	50.0		82.6	72-132				
trans-1,3-Dichloropropylene	47.7		"	50.0		95.4	78-132				
Trichloroethylene	50.0		"	50.0		100	84-123				
Trichlorofluoromethane	52.0		"	50.0		104	62-140				
Vinyl Chloride	44.4		"	50.0		88.7	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BA81250-BSD1)								Prepared & Analyzed: 01/31/2018			
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129		0.0396	30	
1,1,1-Trichloroethane	52.0		"	50.0		104	71-137		4.70	30	
1,1,2,2-Tetrachloroethane	48.6		"	50.0		97.1	79-129		2.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.8		"	50.0		102	58-146		10.4	30	
1,1,2-Trichloroethane	48.2		"	50.0		96.3	83-123		0.228	30	
1,1-Dichloroethane	48.0		"	50.0		96.0	75-130		3.48	30	
1,1-Dichloroethylene	49.2		"	50.0		98.4	64-137		9.16	30	
1,2,3-Trichlorobenzene	48.9		"	50.0		97.8	81-140		0.143	30	
1,2,3-Trichloropropane	47.4		"	50.0		94.9	81-126		1.49	30	
1,2,4-Trichlorobenzene	48.2		"	50.0		96.3	80-141		1.32	30	
1,2,4-Trimethylbenzene	49.9		"	50.0		99.8	84-125		3.84	30	
1,2-Dibromo-3-chloropropane	43.2		"	50.0		86.4	74-142		1.15	30	
1,2-Dibromoethane	48.3		"	50.0		96.6	86-123		0.0414	30	
1,2-Dichlorobenzene	49.4		"	50.0		98.9	85-122		3.75	30	
1,2-Dichloroethane	50.7		"	50.0		101	71-133		1.65	30	
1,2-Dichloropropane	46.7		"	50.0		93.4	81-122		1.21	30	
1,3,5-Trimethylbenzene	50.3		"	50.0		101	82-126		3.65	30	
1,3-Dichlorobenzene	48.7		"	50.0		97.4	84-124		3.30	30	
1,4-Dichlorobenzene	48.3		"	50.0		96.5	84-124		2.22	30	
1,4-Dioxane	1030		"	1050		98.4	10-228		3.13	30	
2-Butanone	47.1		"	50.0		94.2	58-147		5.43	30	
2-Hexanone	43.7		"	50.0		87.4	70-139		4.67	30	
4-Methyl-2-pentanone	44.8		"	50.0		89.6	72-132		3.94	30	
Acetone	40.0		"	50.0		79.9	36-155		6.24	30	
Acrolein	16.2		"	50.0		32.5	10-238		4.87	30	
Acrylonitrile	41.2		"	50.0		82.4	66-141		7.09	30	
Benzene	50.1		"	50.0		100	77-127		0.560	30	
Bromochloromethane	43.7		"	50.0		87.3	74-129		6.64	30	
Bromodichloromethane	48.4		"	50.0		96.7	81-124		1.94	30	
Bromoform	49.2		"	50.0		98.3	80-136		2.43	30	
Bromomethane	56.5		"	50.0		113	32-177		12.5	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81250 - EPA 5035A											
LCS Dup (BA81250-BSD1)								Prepared & Analyzed: 01/31/2018			
Carbon disulfide	53.9		ug/L	50.0		108	10-136		8.55	30	
Carbon tetrachloride	54.1		"	50.0		108	66-143		6.11	30	
Chlorobenzene	49.1		"	50.0		98.3	86-120		1.02	30	
Chloroethane	55.9		"	50.0		112	51-142		12.1	30	
Chloroform	48.8		"	50.0		97.6	76-131		1.26	30	
Chloromethane	61.6		"	50.0		123	49-132		8.90	30	
cis-1,2-Dichloroethylene	49.3		"	50.0		98.6	74-132		0.203	30	
cis-1,3-Dichloropropylene	47.9		"	50.0		95.9	81-129		0.624	30	
Cyclohexane	47.8		"	50.0		95.7	70-130		0.667	30	
Dibromochloromethane	51.1		"	50.0		102	10-200		0.964	30	
Dibromomethane	47.7		"	50.0		95.4	83-124		1.61	30	
Dichlorodifluoromethane	76.8		"	50.0		154	28-158		11.2	30	
Ethyl Benzene	50.2		"	50.0		100	84-125		0.921	30	
Hexachlorobutadiene	51.7		"	50.0		103	83-133		1.76	30	
Isopropylbenzene	50.0		"	50.0		100	81-127		3.77	30	
Methyl acetate	34.6		"	50.0		69.3	41-143		4.28	30	
Methyl tert-butyl ether (MTBE)	48.1		"	50.0		96.2	74-131		8.81	30	
Methylcyclohexane	50.6		"	50.0		101	70-130		4.82	30	
Methylene chloride	41.8		"	50.0		83.5	57-141		9.85	30	
n-Butylbenzene	49.0		"	50.0		97.9	80-130		2.23	30	
n-Propylbenzene	50.0		"	50.0		100	74-136		4.94	30	
o-Xylene	50.8		"	50.0		102	83-123		1.75	30	
p- & m- Xylenes	100		"	100		100	82-128		1.52	30	
p-Isopropyltoluene	50.5		"	50.0		101	85-125		4.10	30	
sec-Butylbenzene	53.1		"	50.0		106	83-125		4.86	30	
Styrene	48.0		"	50.0		96.0	86-126		0.669	30	
tert-Butyl alcohol (TBA)	195		"	250		77.9	70-130		1.81	30	
tert-Butylbenzene	50.9		"	50.0		102	80-127		4.05	30	
Tetrachloroethylene	48.8		"	50.0		97.5	80-129		3.61	30	
Toluene	50.4		"	50.0		101	85-121		3.56	30	
trans-1,2-Dichloroethylene	47.4		"	50.0		94.9	72-132		13.8	30	
trans-1,3-Dichloropropylene	47.3		"	50.0		94.7	78-132		0.716	30	
Trichloroethylene	48.4		"	50.0		96.8	84-123		3.23	30	
Trichlorofluoromethane	59.0		"	50.0		118	62-140		12.6	30	
Vinyl Chloride	62.8		"	50.0		126	52-130		34.5	30	Non-dir.
Surrogate: 1,2-Dichloroethane-d4	*52.4*		*"*	*50.0*		*105*	*77-125*				
Surrogate: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
Blank (BB80139-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0046	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	0.0025	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

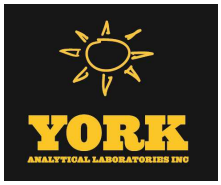
Prepared & Analyzed: 02/05/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
Blank (BB80139-BLK1)									Prepared & Analyzed: 02/05/2018		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*49.4*		*ug/L*	*50.0*		*98.8*	*77-125*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
LCS (BB80139-BS1)									Prepared & Analyzed: 02/05/2018		
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	50.4		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	48.4		"	50.0		96.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.2		"	50.0		92.4	58-146				
1,1,2-Trichloroethane	45.4		"	50.0		90.8	83-123				
1,1-Dichloroethane	48.4		"	50.0		96.7	75-130				
1,1-Dichloroethylene	45.0		"	50.0		90.0	64-137				
1,2,3-Trichlorobenzene	52.2		"	50.0		104	81-140				
1,2,3-Trichloropropane	48.9		"	50.0		97.7	81-126				
1,2,4-Trichlorobenzene	50.7		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125				
1,2-Dibromo-3-chloropropane	53.0		"	50.0		106	74-142				
1,2-Dibromoethane	47.0		"	50.0		94.0	86-123				
1,2-Dichlorobenzene	49.4		"	50.0		98.9	85-122				
1,2-Dichloroethane	50.5		"	50.0		101	71-133				
1,2-Dichloropropane	45.1		"	50.0		90.2	81-122				
1,3,5-Trimethylbenzene	46.3		"	50.0		92.6	82-126				
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124				
1,4-Dichlorobenzene	49.2		"	50.0		98.4	84-124				
1,4-Dioxane	957		"	1050		91.1	10-228				
2-Butanone	50.6		"	50.0		101	58-147				
2-Hexanone	45.1		"	50.0		90.2	70-139				
4-Methyl-2-pentanone	44.1		"	50.0		88.1	72-132				
Acetone	40.5		"	50.0		81.1	36-155				
Acrolein	28.8		"	50.0		57.6	10-238				
Acrylonitrile	43.0		"	50.0		86.1	66-141				
Benzene	47.8		"	50.0		95.7	77-127				
Bromochloromethane	48.0		"	50.0		95.9	74-129				
Bromodichloromethane	52.0		"	50.0		104	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS (BB80139-BS1)								Prepared & Analyzed: 02/05/2018			
Bromoform	63.5		ug/L	50.0		127	80-136				
Bromomethane	52.0		"	50.0		104	32-177				
Carbon disulfide	58.3		"	50.0		117	10-136				
Carbon tetrachloride	52.1		"	50.0		104	66-143				
Chlorobenzene	47.6		"	50.0		95.2	86-120				
Chloroethane	50.1		"	50.0		100	51-142				
Chloroform	49.3		"	50.0		98.6	76-131				
Chloromethane	56.9		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	48.0		"	50.0		96.1	74-132				
cis-1,3-Dichloropropylene	49.2		"	50.0		98.3	81-129				
Cyclohexane	45.4		"	50.0		90.7	70-130				
Dibromochloromethane	59.2		"	50.0		118	10-200				
Dibromomethane	47.1		"	50.0		94.1	83-124				
Dichlorodifluoromethane	72.4		"	50.0		145	28-158				
Ethyl Benzene	46.4		"	50.0		92.8	84-125				
Hexachlorobutadiene	48.6		"	50.0		97.2	83-133				
Isopropylbenzene	46.1		"	50.0		92.3	81-127				
Methyl acetate	41.2		"	50.0		82.4	41-143				
Methyl tert-butyl ether (MTBE)	51.0		"	50.0		102	74-131				
Methylcyclohexane	43.6		"	50.0		87.3	70-130				
Methylene chloride	45.5		"	50.0		91.0	57-141				
n-Butylbenzene	47.3		"	50.0		94.6	80-130				
n-Propylbenzene	47.2		"	50.0		94.4	74-136				
o-Xylene	48.0		"	50.0		95.9	83-123				
p- & m- Xylenes	95.7		"	100		95.7	82-128				
p-Isopropyltoluene	48.9		"	50.0		97.7	85-125				
sec-Butylbenzene	47.5		"	50.0		94.9	83-125				
Styrene	46.4		"	50.0		92.9	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.2	70-130				
tert-Butylbenzene	47.0		"	50.0		93.9	80-127				
Tetrachloroethylene	46.8		"	50.0		93.5	80-129				
Toluene	45.7		"	50.0		91.3	85-121				
trans-1,2-Dichloroethylene	47.6		"	50.0		95.2	72-132				
trans-1,3-Dichloropropylene	50.9		"	50.0		102	78-132				
Trichloroethylene	47.5		"	50.0		95.0	84-123				
Trichlorofluoromethane	55.8		"	50.0		112	62-140				
Vinyl Chloride	53.5		"	50.0		107	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

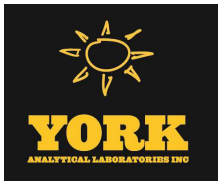
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS Dup (BB80139-BSD1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	52.8		ug/L	50.0		106	75-129		2.59	30	
1,1,1-Trichloroethane	53.2		"	50.0		106	71-137		5.56	30	
1,1,2,2-Tetrachloroethane	46.6		"	50.0		93.2	79-129		3.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.6		"	50.0		97.1	58-146		4.94	30	
1,1,2-Trichloroethane	46.2		"	50.0		92.3	83-123		1.66	30	
1,1-Dichloroethane	50.2		"	50.0		100	75-130		3.79	30	
1,1-Dichloroethylene	47.4		"	50.0		94.8	64-137		5.17	30	
1,2,3-Trichlorobenzene	50.8		"	50.0		102	81-140		2.76	30	
1,2,3-Trichloropropane	48.2		"	50.0		96.4	81-126		1.38	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		0.316	30	
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125		0.0208	30	
1,2-Dibromo-3-chloropropane	50.9		"	50.0		102	74-142		4.16	30	
1,2-Dibromoethane	47.9		"	50.0		95.9	86-123		1.98	30	
1,2-Dichlorobenzene	49.5		"	50.0		99.0	85-122		0.141	30	
1,2-Dichloroethane	51.0		"	50.0		102	71-133		1.14	30	
1,2-Dichloropropane	46.1		"	50.0		92.3	81-122		2.30	30	
1,3,5-Trimethylbenzene	46.7		"	50.0		93.5	82-126		0.903	30	
1,3-Dichlorobenzene	49.1		"	50.0		98.2	84-124		0.366	30	
1,4-Dichlorobenzene	48.0		"	50.0		96.1	84-124		2.41	30	
1,4-Dioxane	905		"	1050		86.2	10-228		5.60	30	
2-Butanone	50.9		"	50.0		102	58-147		0.493	30	
2-Hexanone	43.1		"	50.0		86.2	70-139		4.47	30	
4-Methyl-2-pentanone	44.0		"	50.0		88.1	72-132		0.0454	30	
Acetone	38.2		"	50.0		76.5	36-155		5.81	30	
Acrolein	29.8		"	50.0		59.5	10-238		3.21	30	
Acrylonitrile	41.6		"	50.0		83.1	66-141		3.50	30	
Benzene	48.8		"	50.0		97.6	77-127		1.92	30	
Bromochloromethane	49.2		"	50.0		98.3	74-129		2.47	30	
Bromodichloromethane	52.0		"	50.0		104	81-124		0.0384	30	
Bromoform	62.5		"	50.0		125	80-136		1.57	30	
Bromomethane	54.6		"	50.0		109	32-177		4.75	30	
Carbon disulfide	60.0		"	50.0		120	10-136		2.91	30	
Carbon tetrachloride	55.4		"	50.0		111	66-143		6.12	30	
Chlorobenzene	48.3		"	50.0		96.6	86-120		1.50	30	
Chloroethane	51.9		"	50.0		104	51-142		3.55	30	
Chloroform	50.6		"	50.0		101	76-131		2.66	30	
Chloromethane	59.8		"	50.0		120	49-132		5.07	30	
cis-1,2-Dichloroethylene	48.6		"	50.0		97.3	74-132		1.22	30	
cis-1,3-Dichloropropylene	49.5		"	50.0		99.1	81-129		0.770	30	
Cyclohexane	47.9		"	50.0		95.7	70-130		5.34	30	
Dibromochloromethane	58.8		"	50.0		118	10-200		0.712	30	
Dibromomethane	47.3		"	50.0		94.6	83-124		0.466	30	
Dichlorodifluoromethane	76.9		"	50.0		154	28-158		6.09	30	
Ethyl Benzene	48.8		"	50.0		97.6	84-125		5.02	30	
Hexachlorobutadiene	50.0		"	50.0		100	83-133		2.94	30	
Isopropylbenzene	47.1		"	50.0		94.2	81-127		2.10	30	
Methyl acetate	38.6		"	50.0		77.2	41-143		6.54	30	
Methyl tert-butyl ether (MTBE)	51.4		"	50.0		103	74-131		0.723	30	
Methylcyclohexane	45.6		"	50.0		91.1	70-130		4.31	30	
Methylene chloride	46.6		"	50.0		93.2	57-141		2.45	30	
n-Butylbenzene	48.8		"	50.0		97.6	80-130		3.12	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS Dup (BB80139-BSD1)								Prepared & Analyzed: 02/05/2018			
n-Propylbenzene	47.8		ug/L	50.0		95.6	74-136		1.18	30	
o-Xylene	47.8		"	50.0		95.7	83-123		0.292	30	
p- & m- Xylenes	96.0		"	100		96.0	82-128		0.334	30	
p-Isopropyltoluene	49.7		"	50.0		99.4	85-125		1.72	30	
sec-Butylbenzene	48.5		"	50.0		97.0	83-125		2.19	30	
Styrene	45.8		"	50.0		91.6	86-126		1.39	30	
tert-Butyl alcohol (TBA)	224		"	250		89.4	70-130		5.17	30	
tert-Butylbenzene	48.5		"	50.0		97.0	80-127		3.27	30	
Tetrachloroethylene	48.2		"	50.0		96.4	80-129		3.03	30	
Toluene	47.2		"	50.0		94.5	85-121		3.38	30	
trans-1,2-Dichloroethylene	49.0		"	50.0		97.9	72-132		2.84	30	
trans-1,3-Dichloropropylene	51.0		"	50.0		102	78-132		0.118	30	
Trichloroethylene	49.0		"	50.0		97.9	84-123		3.01	30	
Trichlorofluoromethane	57.6		"	50.0		115	62-140		3.24	30	
Vinyl Chloride	56.2		"	50.0		112	52-130		4.99	30	
Surrogate: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Blank (BA81284-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared: 01/31/2018 Analyzed: 02/01/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Blank (BA81284-BLK1)											Prepared: 01/31/2018 Analyzed: 02/01/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.25*		"	*2.55*		*88.4*	*20-108*				
Surrogate: Phenol-d5	*2.53*		"	*2.59*		*97.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.00*		"	*1.81*		*110*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.54*		"	*1.76*		*87.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.76*		"	*2.59*		*107*	*19-110*				
Surrogate: Terphenyl-d14	*1.38*		"	*1.69*		*82.0*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
LCS (BA81284-BS1)								Prepared: 01/31/2018 Analyzed: 02/01/2018			
1,1-Biphenyl	0.638	0.0417	mg/kg wet	0.833		76.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.685	0.0833	"	0.833		82.2	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.626	0.0417	"	0.833		75.1	17-137				
2,3,4,6-Tetrachlorophenol	0.584	0.0833	"	0.833		70.0	30-130				
2,4,5-Trichlorophenol	0.680	0.0417	"	0.833		81.6	27-118				
2,4,6-Trichlorophenol	0.656	0.0417	"	0.833		78.7	31-120				
2,4-Dichlorophenol	0.685	0.0417	"	0.833		82.2	20-127				
2,4-Dimethylphenol	0.675	0.0417	"	0.833		81.0	14-132				
2,4-Dinitrophenol	0.663	0.0833	"	0.833		79.6	10-171				
2,4-Dinitrotoluene	0.673	0.0417	"	0.833		80.7	34-131				
2,6-Dinitrotoluene	0.665	0.0417	"	0.833		79.8	31-128				
2-Chloronaphthalene	0.511	0.0417	"	0.833		61.3	31-117				
2-Chlorophenol	0.632	0.0417	"	0.833		75.8	33-113				
2-Methylnaphthalene	0.724	0.0417	"	0.833		86.9	12-138				
2-Methylphenol	0.737	0.0417	"	0.833		88.4	10-136				
2-Nitroaniline	0.679	0.0833	"	0.833		81.4	27-132				
2-Nitrophenol	0.780	0.0417	"	0.833		93.6	17-129				
3- & 4-Methylphenols	0.614	0.0417	"	0.833		73.7	29-103				
3,3-Dichlorobenzidine	0.531	0.0417	"	0.833		63.7	22-149				
3-Nitroaniline	0.455	0.0833	"	0.833		54.6	20-133				
4,6-Dinitro-2-methylphenol	0.766	0.0833	"	0.833		91.9	10-143				
4-Bromophenyl phenyl ether	0.643	0.0417	"	0.833		77.1	29-120				
4-Chloro-3-methylphenol	0.809	0.0417	"	0.833		97.1	24-129				
4-Chloroaniline	0.307	0.0417	"	0.833		36.8	10-132				
4-Chlorophenyl phenyl ether	0.632	0.0417	"	0.833		75.9	27-124				
4-Nitroaniline	0.646	0.0833	"	0.833		77.5	16-128				
4-Nitrophenol	0.779	0.0833	"	0.833		93.5	10-141				
Acenaphthene	0.626	0.0417	"	0.833		75.2	30-121				
Acenaphthylene	0.584	0.0417	"	0.833		70.0	30-115				
Acetophenone	0.695	0.0417	"	0.833		83.4	20-112				
Aniline	0.528	0.167	"	0.833		63.4	10-119				
Anthracene	0.637	0.0417	"	0.833		76.4	34-118				
Atrazine	0.741	0.0417	"	0.833		88.9	26-112				
Benzaldehyde	0.751	0.0417	"	0.833		90.1	21-100				
Benzo(a)anthracene	0.691	0.0417	"	0.833		82.9	32-122				
Benzo(a)pyrene	0.747	0.0417	"	0.833		89.6	29-133				
Benzo(b)fluoranthene	0.693	0.0417	"	0.833		83.2	25-133				
Benzo(g,h,i)perylene	0.627	0.0417	"	0.833		75.2	10-143				
Benzo(k)fluoranthene	0.691	0.0417	"	0.833		82.9	25-128				
Benzoic acid	0.441	0.0417	"	0.967		45.6	10-140				
Benzyl alcohol	0.684	0.0417	"	0.833		82.1	30-115				
Benzyl butyl phthalate	0.730	0.0417	"	0.833		87.6	26-126				
Bis(2-chloroethoxy)methane	0.752	0.0417	"	0.833		90.3	19-132				
Bis(2-chloroethyl)ether	0.627	0.0417	"	0.833		75.2	19-125				
Bis(2-chloroisopropyl)ether	0.674	0.0417	"	0.833		80.8	20-135				
Bis(2-ethylhexyl)phthalate	0.734	0.0417	"	0.833		88.1	10-155				
Caprolactam	0.845	0.0833	"	0.833		101	10-127				
Carbazole	0.534	0.0417	"	0.833		64.1	35-123				
Chrysene	0.608	0.0417	"	0.833		73.0	32-123				
Dibenzo(a,h)anthracene	0.636	0.0417	"	0.833		76.3	10-136				
Dibenzofuran	0.633	0.0417	"	0.833		75.9	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
LCS (BA81284-BS1)									Prepared: 01/31/2018 Analyzed: 02/01/2018		
Diethyl phthalate	0.614	0.0417	mg/kg wet	0.833		73.7	34-116				
Dimethyl phthalate	0.620	0.0417	"	0.833		74.4	35-124				
Di-n-butyl phthalate	0.632	0.0417	"	0.833		75.8	31-116				
Di-n-octyl phthalate	0.827	0.0417	"	0.833		99.2	26-136				
Diphenylamine	0.767	0.0833	"	0.833		92.1	40-140				
Fluoranthene	0.665	0.0417	"	0.833		79.8	33-122				
Fluorene	0.642	0.0417	"	0.833		77.1	29-123				
Hexachlorobenzene	0.496	0.0417	"	0.833		59.6	21-124				
Hexachlorobutadiene	0.543	0.0417	"	0.833		65.2	10-149				
Hexachlorocyclopentadiene	0.263	0.0417	"	0.833		31.6	10-129				
Hexachloroethane	0.522	0.0417	"	0.833		62.7	28-108				
Indeno(1,2,3-cd)pyrene	0.625	0.0417	"	0.833		75.0	10-135				
Isophorone	0.624	0.0417	"	0.833		74.8	20-132				
Naphthalene	0.658	0.0417	"	0.833		79.0	23-124				
Nitrobenzene	0.587	0.0417	"	0.833		70.5	13-132				
N-Nitrosodimethylamine	0.549	0.0417	"	0.833		65.9	11-129				
N-nitroso-di-n-propylamine	0.714	0.0417	"	0.833		85.7	24-119				
N-Nitrosodiphenylamine	0.840	0.0417	"	0.833		101	22-152				
Pentachlorophenol	0.484	0.0417	"	0.833		58.0	10-139				
Phenanthrene	0.634	0.0417	"	0.833		76.0	33-123				
Phenol	0.659	0.0417	"	0.833		79.1	23-115				
Pyrene	0.662	0.0417	"	0.833		79.4	32-130				
Pyridine	0.487	0.167	"	0.833		58.4	10-91				
Surrogate: 2-Fluorophenol	*1.86*		"	*2.55*		*73.1*	*20-108*				
Surrogate: Phenol-d5	*2.20*		"	*2.59*		*85.0*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.60*		"	*1.81*		*88.5*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.25*		"	*1.76*		*71.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.38*		"	*2.59*		*92.1*	*19-110*				
Surrogate: Terphenyl-d14	*1.03*		"	*1.69*		*61.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Blank (BA81284-BLK1)											Prepared: 01/31/2018 Analyzed: 02/01/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81244 - EPA 3550C											
Blank (BA81244-BLK1)											Prepared: 01/31/2018 Analyzed: 02/01/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0549*		"	*0.0667*		*82.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0486*		"	*0.0667*		*72.9*	*30-150*				
LCS (BA81244-BS1)											Prepared: 01/31/2018 Analyzed: 02/01/2018
4,4'-DDD	0.0292	0.000330	mg/kg wet	0.0333		87.6	40-140				
4,4'-DDE	0.0256	0.000330	"	0.0333		76.7	40-140				
4,4'-DDT	0.0259	0.000330	"	0.0333		77.6	40-140				
Aldrin	0.0321	0.000330	"	0.0333		96.4	40-140				
alpha-BHC	0.0331	0.000330	"	0.0333		99.4	40-140				
alpha-Chlordane	0.0297	0.000330	"	0.0333		89.0	40-140				
beta-BHC	0.0311	0.000330	"	0.0333		93.4	40-140				
delta-BHC	0.0338	0.000330	"	0.0333		101	40-140				
Dieldrin	0.0318	0.000330	"	0.0333		95.4	40-140				
Endosulfan I	0.0363	0.000330	"	0.0333		109	40-140				
Endosulfan II	0.0321	0.000330	"	0.0333		96.3	40-140				
Endosulfan sulfate	0.0314	0.000330	"	0.0333		94.2	40-140				
Endrin	0.0290	0.000330	"	0.0333		86.9	40-140				
Endrin aldehyde	0.0302	0.000330	"	0.0333		90.7	40-140				
Endrin ketone	0.0331	0.000330	"	0.0333		99.3	40-140				
gamma-BHC (Lindane)	0.0314	0.000330	"	0.0333		94.3	40-140				
gamma-Chlordane	0.0294	0.000330	"	0.0333		88.3	40-140				
Heptachlor	0.0279	0.000330	"	0.0333		83.8	40-140				
Heptachlor epoxide	0.0292	0.000330	"	0.0333		87.7	40-140				
Methoxychlor	0.0212	0.00165	"	0.0333		63.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0521*		"	*0.0667*		*78.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0563*		"	*0.0667*		*84.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B0202 - BL70213											
Performance Mix (Y8B0202-PEM1)								Prepared & Analyzed: 02/01/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.593		"	0.00			0-200				
4,4'-DDT	147		"	200		73.5	0-200				
Endrin	119		"	100		119	0-200				
Endrin aldehyde	2.47		"	0.00			0-200				
Endrin ketone	7.25		"	0.00			0-200				
Performance Mix (Y8B0202-PEM2)								Prepared & Analyzed: 02/01/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.664		"	0.00			0-200				
4,4'-DDT	136		"	200		68.2	0-200				
Endrin	116		"	100		116	0-200				
Endrin aldehyde	1.70		"	0.00			0-200				
Endrin ketone	9.89		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81244 - EPA 3550C											
Blank (BA81244-BLK2)											Prepared & Analyzed: 01/31/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0667*		*83.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0530*		*"*	*0.0667*		*79.5*	*30-140*				
LCS (BA81244-BS2)											Prepared & Analyzed: 01/31/2018
Aroclor 1016	0.385	0.0167	mg/kg wet	0.333		116	40-130				
Aroclor 1260	0.392	0.0167	"	0.333		118	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0667*		*"*	*0.0667*		*100*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0630*		*"*	*0.0667*		*94.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81239 - EPA 3550B/8151A											
Blank (BA81239-BLK1)								Prepared & Analyzed: 01/31/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.434*		*"*	*0.500*		*86.8*	*30-150*				
LCS (BA81239-BS1)								Prepared & Analyzed: 01/31/2018			
2,4,5-T	0.107	0.0200	mg/kg wet	0.160		66.9	40-140				
2,4,5-TP (Silvex)	0.112	0.0200	"	0.160		70.0	40-140				
2,4-D	0.113	0.0200	"	0.160		70.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.508*		*"*	*0.500*		*102*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81184 - EPA 3050B											
Blank (BA81184-BLK1)											Prepared & Analyzed: 01/30/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	22.5	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	4.27	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	8.54	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	106	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA81184-SRM1)											Prepared & Analyzed: 01/30/2018
Aluminum	6890	5.00	mg/kg wet	8090		85.2	49.8-149.6				
Antimony	119	0.500	"	99.3		120	0.5-207.5				
Arsenic	96.9	1.00	"	100		96.9	80.9-120				
Barium	225	1.00	"	217		103	81.6-118.4				
Beryllium	148	0.100	"	147		101	81.6-119.1				
Cadmium	79.2	0.300	"	83.7		94.6	81.2-118.9				
Calcium	5960	5.00	"	6010		99.1	80.9-119				
Chromium	104	0.500	"	107		97.7	77.5-121.5				
Cobalt	128	0.500	"	123		104	82.1-117.9				
Copper	170	0.500	"	166		103	80.7-118.7				
Iron	12400	2.00	"	14600		85.3	45.1-154.8				
Lead	83.9	0.500	"	88.4		94.9	81.2-118.8				
Magnesium	2740	5.00	"	2930		93.5	74.7-125.3				
Manganese	310	0.500	"	311		99.8	80.1-119.9				
Nickel	55.5	0.500	"	49.8		111	80.9-118.9				
Potassium	2390	5.00	"	2620		91.2	69.1-130.9				
Selenium	89.1	1.00	"	87.7		102	76.1-124.3				
Silver	38.4	0.500	"	41.4		92.8	73.7-126.1				
Sodium	339	10.0	"	252		134	69.1-131.4	High Bias			
Thallium	55.3	1.00	"	58.1		95.1	77.6-122.6				
Vanadium	136	1.00	"	140		96.9	76.4-122.9				
Zinc	141	1.50	"	145		97.1	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81183 - EPA 7473 soil											
Blank (BA81183-BLK1)									Prepared & Analyzed: 01/30/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BA81183-SRM1)									Prepared & Analyzed: 01/30/2018		
Mercury	13.577		mg/kg	13.8		98.4	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81170 - EPA SW846-3060											
Blank (BA81170-BLK1)									Prepared & Analyzed: 01/30/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA81170-SRM1)									Prepared & Analyzed: 01/30/2018		
Chromium, Hexavalent	124		mg/L	207		59.9	40.5-101.9				
Batch BA81246 - EPA SW846-3060											
Blank (BA81246-BLK1)									Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA81246-DUP1)	*Source sample: 18A0984-04 (SB117_15-16)								Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	ND	0.590	mg/kg dry		ND					35	
Matrix Spike (BA81246-MS1)	*Source sample: 18A0984-04 (SB117_15-16)								Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	10.8	0.590	mg/kg dry	23.6	ND	45.6	75-125	Low Bias			
Reference (BA81246-SRM1)									Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	103		mg/L	207		49.9	40.5-101.9				
Batch BA81256 - Analysis Preparation Soil											
Blank (BA81256-BLK1)									Prepared & Analyzed: 01/31/2018		
Cyanide, total	ND	0.500	mg/kg wet								
LCS (BA81256-BS1)									Prepared & Analyzed: 01/31/2018		
Cyanide, total	47.2		ug/mL	62.8		75.2	72.9-112				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A0984-01	SB117_0-2	40mL Vial with Stir Bar-Cool 4° C
18A0984-04	SB117_15-16	40mL Vial with Stir Bar-Cool 4° C
18A0984-05	SB117_18-20	40mL Vial with Stir Bar-Cool 4° C
18A0984-06	SB117_24-25	40mL Vial with Stir Bar-Cool 4° C
18A0984-07	DUP04_012918	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A0984

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

1703E4501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB117-0-2	01/29/18 0925	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	
SB117-9-10	01/29/18 1100	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	
SB117-13-15	01/29/18 1105	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	
SB117-15-16	01/29/18 1130	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	
SB117-18-20	01/29/18 1125	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	
SB117-24-25	01/29/18 1205	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	
DUP04-012918	01/29/18 1234	S	TCL+30 VOCs +SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	

Comments

Preservation Check those Applicable
4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 01/29/18 1355
Samples Received By — Date/Time: 1/29/18 1355
Samples Relinquished By — Date/Time:
Samples Received in LAB by — Date/Time: 1/29/18 1824

Temperature on Receipt 2.2 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/21/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A1048

Revision No. 2.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 02/21/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A1048

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 30, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A1048-01	SB115_0-2	Soil	01/30/2018	01/30/2018
18A1048-02	SB115_7-8	Soil	01/30/2018	01/30/2018
18A1048-03	SB115_15-16	Soil	01/30/2018	01/30/2018
18A1048-04	SB115_22-24	Soil	01/30/2018	01/30/2018
18A1048-06	SB115_31-32	Soil	01/30/2018	01/30/2018
18A1048-08	EBFB03_013018	Water	01/30/2018	01/30/2018

General Notes for York Project (SDG) No.: 18A1048

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

Approved By:

Date: 02/21/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.0 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 12:35	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0724**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.0800**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.0731**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0503**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0533**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0655**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0861**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.0907**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*77.2 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*86.6 %*	*23-114*

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*94.8 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*74.4 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*93.5 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*61.9 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/31/2018 13:50	02/01/2018 16:38	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0378	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00946	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0957	5	EPA 8081B	02/01/2018 04:37	02/01/2018 21:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A	02/01/2018 04:37	02/01/2018 19:58	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A	02/01/2018 04:37	02/01/2018 19:58	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A	02/01/2018 04:37	02/01/2018 19:58	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A	02/01/2018 04:37	02/01/2018 19:58	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A	02/01/2018 04:37	02/01/2018 19:58	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A	02/01/2018 04:37	02/01/2018 19:58	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A	02/01/2018 04:37	02/01/2018 19:58	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A	02/01/2018 04:37	02/01/2018 19:58	LAB
							Certifications:			

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	02/02/2018 04:34	02/02/2018 14:54	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	02/02/2018 04:34	02/02/2018 14:54	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	02/02/2018 04:34	02/02/2018 14:54	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*122 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12400**		mg/kg dry	5.73	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.573	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.95**		mg/kg dry	2.29	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**42.8**		mg/kg dry	1.15	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.115	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.344	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1200**		mg/kg dry	5.73	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**23.1**		mg/kg dry	0.573	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.74**		mg/kg dry	0.573	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.2**		mg/kg dry	0.573	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**16700**		mg/kg dry	57.3	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**20.4**		mg/kg dry	2.29	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3170**		mg/kg dry	5.73	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**303**		mg/kg dry	0.573	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**27.4**		mg/kg dry	0.573	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**901**		mg/kg dry	5.73	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.16**		mg/kg dry	1.15	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.573	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**352**	B	mg/kg dry	11.5	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.15	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**30.7**		mg/kg dry	1.15	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**37.4**		mg/kg dry	1.72	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0677**		mg/kg dry	0.0344	1	EPA 7473	01/31/2018 09:33	01/31/2018 13:43	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.2**		%	0.100	1	SM 2540G	02/02/2018 16:42	02/05/2018 11:12	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB115_0-2 **York Sample ID:** 18A1048-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:35 am	01/30/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.573	1	EPA 7196A	01/31/2018 08:00	01/31/2018 14:43	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**23.1**		mg/kg	0.500	1	Calculation	02/05/2018 15:32	02/05/2018 15:49	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.573	1	EPA 9014/9010C	01/31/2018 09:23	01/31/2018 17:08	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.012**		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.3 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.0 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:52	RS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.373	2	EPA 8270D	02/08/2018 04:21	02/08/2018 20:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*76.1 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*78.0 %*	*23-114*

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*95.8 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.4 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*87.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*68.9 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 20:08	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/08/2018 04:27	02/13/2018 13:23	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH	02/08/2018 04:27	02/13/2018 13:23	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/13/2018 13:23	SA

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	02/08/2018 04:27	02/13/2018 13:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	02/08/2018 04:27	02/13/2018 13:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	02/08/2018 04:27	02/13/2018 13:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	02/08/2018 04:27	02/13/2018 13:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B	02/08/2018 04:27	02/13/2018 13:23	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	02/08/2018 04:27	02/13/2018 13:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	02/08/2018 04:27	02/13/2018 13:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00922	5	EPA 8081B	02/08/2018 04:27	02/13/2018 13:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0933	5	EPA 8081B	02/08/2018 04:27	02/13/2018 13:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*113 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:32	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:32	LAB
							Certifications:			

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:00	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:00	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:00	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*109 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12200**		mg/kg dry	5.59	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.08**		mg/kg dry	2.24	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**68.4**		mg/kg dry	1.12	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.732**		mg/kg dry	0.335	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**757**		mg/kg dry	5.59	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**24.7**		mg/kg dry	0.559	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.97**		mg/kg dry	0.559	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**9.78**		mg/kg dry	0.559	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**22100**		mg/kg dry	55.9	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.2**		mg/kg dry	2.24	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2420**		mg/kg dry	5.59	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**303**		mg/kg dry	0.559	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**23.5**		mg/kg dry	0.559	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**744**		mg/kg dry	33.5	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.16**		mg/kg dry	1.12	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.559	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**317**	B	mg/kg dry	16.8	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**28.0**		mg/kg dry	1.12	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**29.4**		mg/kg dry	1.68	1	EPA 6010C	02/08/2018 09:32	02/13/2018 21:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0335	1	EPA 7473	02/08/2018 09:29	02/08/2018 10:05	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.5**		%	0.100	1	SM 2540G	02/08/2018 13:47	02/08/2018 17:47	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB115_7-8 **York Sample ID:** 18A1048-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:45 am	01/30/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	02/08/2018 09:28	02/08/2018 17:47	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**24.7**		mg/kg	0.500	1	Calculation	02/13/2018 12:29	02/14/2018 12:24	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.6 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	**Hexane**	**11**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:09	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*62.2 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*68.4 %*	*23-114*

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*83.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*78.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*55.7 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:09	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00896	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0907	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*101 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	02/01/2018 04:37	02/01/2018 16:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	02/01/2018 04:37	02/01/2018 16:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	02/01/2018 04:37	02/01/2018 16:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	02/01/2018 04:37	02/01/2018 16:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	02/01/2018 04:37	02/01/2018 16:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	02/01/2018 04:37	02/01/2018 16:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	02/01/2018 04:37	02/01/2018 16:57	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	02/01/2018 04:37	02/01/2018 16:57	LAB
							Certifications:			

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	02/02/2018 04:34	02/02/2018 15:06	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	02/02/2018 04:34	02/02/2018 15:06	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	02/02/2018 04:34	02/02/2018 15:06	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*110 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9450**		mg/kg dry	5.43	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.543	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.86**		mg/kg dry	2.17	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**52.2**		mg/kg dry	1.09	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.326	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1580**		mg/kg dry	5.43	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.6**		mg/kg dry	0.543	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.14**		mg/kg dry	0.543	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.6**		mg/kg dry	0.543	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13800**		mg/kg dry	54.3	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.15**		mg/kg dry	2.17	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3720**		mg/kg dry	5.43	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**700**		mg/kg dry	0.543	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**35.3**		mg/kg dry	0.543	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1480**		mg/kg dry	5.43	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.543	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**199**	B	mg/kg dry	10.9	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.3**		mg/kg dry	1.09	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**35.5**		mg/kg dry	1.63	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0326	1	EPA 7473	01/31/2018 09:33	01/31/2018 13:51	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.1**		%	0.100	1	SM 2540G	02/02/2018 16:42	02/05/2018 11:12	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB115_15-16 **York Sample ID:** 18A1048-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 8:55 am	01/30/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.543	1	EPA 7196A	01/31/2018 08:00	01/31/2018 14:43	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.6**		mg/kg	0.500	1	Calculation	02/05/2018 15:32	02/05/2018 15:49	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.543	1	EPA 9014/9010C	01/31/2018 09:23	01/31/2018 17:08	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB115_22-24** **York Sample ID:** **18A1048-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.053**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.015**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0047**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.032**	SCAL-E	mg/kg dry	0.0058	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.014**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.0030**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0063**	J	mg/kg dry	0.0058	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.0045**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.0053**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.019**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.066**		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.010**		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.085**		mg/kg dry	0.0087	0.017	1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.7 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**cyclopropyl benzene isomer**	**43**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:			
NA	**dihydro methyl indene isomer**	**17**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:			
NA	**dimethyl Heptane isomer**	**17**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:			
NA	**Ethyl Dimethyl Benzene isomers**	**51**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:			
NA	**methyl Heptane isomer**	**15**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:			
NA	**Tetramethyl Benzene isomer**	**21**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:			
NA	**Trimethyl Benzene isomers**	**57**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:			
NA	**trimethyl Pentane isomer**	**18**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 13:42	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0524**	J	mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*66.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*74.6 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*88.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.4 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*87.1 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*57.6 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/31/2018 13:50	02/01/2018 17:39	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00876	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0887	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:22	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*103 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:14	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:14	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:14	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:14	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:14	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:14	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:14	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:14	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0207	1	EPA 8151A	02/02/2018 04:34	02/02/2018 15:32	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0207	1	EPA 8151A	02/02/2018 04:34	02/02/2018 15:32	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0207	1	EPA 8151A	02/02/2018 04:34	02/02/2018 15:32	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*116 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6710**		mg/kg dry	5.33	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.533	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	2.13	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**44.5**		mg/kg dry	1.07	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1560**		mg/kg dry	5.33	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.533	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.51**		mg/kg dry	0.533	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**32.0**		mg/kg dry	0.533	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12200**		mg/kg dry	53.3	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.77**		mg/kg dry	2.13	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2550**		mg/kg dry	5.33	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**456**		mg/kg dry	0.533	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**30.8**		mg/kg dry	0.533	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1030**		mg/kg dry	5.33	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**177**	B	mg/kg dry	10.7	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.0**		mg/kg dry	1.07	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**37.0**		mg/kg dry	1.60	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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

Sample Information

Client Sample ID: SB115_22-24 **York Sample ID:** 18A1048-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:00 am	01/30/2018

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	01/31/2018 09:33	01/31/2018 14:00	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	02/02/2018 16:42	02/05/2018 11:12	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	01/31/2018 08:00	01/31/2018 14:43	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.6**		mg/kg	0.500	1	Calculation	02/05/2018 15:32	02/05/2018 15:49	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	01/31/2018 09:23	01/31/2018 17:08	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB115_31-32** **York Sample ID:** **18A1048-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.061**		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.016**		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.080	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.010**	SCAL-E	mg/kg dry	0.0040	0.0080	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.018**		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0040	0.0080	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.0035**	J	mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.0064**		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.043**		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.077**		mg/kg dry	0.0040	0.0080	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.045**		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.12**		mg/kg dry	0.0060	0.012	1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Diethyl Benzene isomer**	**11**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:			
NA	**dihydro methyl indene isomers**	**22**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:			
NA	**ethenyl methyl benzene isomer**	**39**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:			
NA	**Ethyl Dimethyl Benzene isomers**	**43**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**31**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:			
NA	**Tetramethyl Benzene isomer**	**12**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:			
NA	**Trimethyl Benzene isomer**	**36**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 14:16	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.136**		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0877	0.175	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0440	0.0877	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*62.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*67.8 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*78.3 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.0 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*80.4 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*58.9 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/31/2018 13:50	02/01/2018 12:32	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00330**		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00865	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0875	5	EPA 8081B	02/01/2018 04:37	02/01/2018 22:37	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*113 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:30	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:30	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:30	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:30	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:30	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:30	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	**Aroclor 1260**	**0.0298**		mg/kg dry	0.0175	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:30	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	*** Total PCBs**	**0.0298**		mg/kg dry	0.0175	1	EPA 8082A	02/01/2018 04:37	02/01/2018 17:30	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	02/02/2018 04:34	02/02/2018 15:45	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	02/02/2018 04:34	02/02/2018 15:45	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	02/02/2018 04:34	02/02/2018 15:45	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*120 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7830**		mg/kg dry	5.26	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.526	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	2.10	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**43.6**		mg/kg dry	1.05	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3470**		mg/kg dry	5.26	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**25.5**		mg/kg dry	0.526	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.78**		mg/kg dry	0.526	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**35.6**		mg/kg dry	0.526	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12200**		mg/kg dry	52.6	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.89**		mg/kg dry	2.10	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4950**		mg/kg dry	5.26	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**342**		mg/kg dry	0.526	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**35.3**		mg/kg dry	0.526	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1380**		mg/kg dry	5.26	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.05	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.526	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**577**	B	mg/kg dry	10.5	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.9**		mg/kg dry	1.05	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**34.5**		mg/kg dry	1.58	1	EPA 6010C	01/31/2018 09:34	02/01/2018 19:49	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	01/31/2018 09:33	01/31/2018 14:09	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB115_31-32 **York Sample ID:** 18A1048-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Soil	January 30, 2018 11:25 am	01/30/2018

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**		%	0.100	1	SM 2540G	02/02/2018 16:42	02/05/2018 11:12	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.526	1	EPA 7196A	01/31/2018 08:00	01/31/2018 14:43	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**25.5**		mg/kg	0.500	1	Calculation	02/05/2018 15:32	02/05/2018 15:49	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.526	1	EPA 9014/9010C	01/31/2018 09:23	01/31/2018 17:08	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.26**		ug/L	1.00	2.00	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	2.00	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.00	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/01/2018 07:30	02/01/2018 17:27	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*25.5 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*14.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*75.9 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.6 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*71.3 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*53.1 %*	*30.7-106*

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	* Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	* Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	* Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications:			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/01/2018 09:19	02/02/2018 10:23	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/01/2018 09:19	02/02/2018 12:14	OW
								Certifications:			

Pesticides, 8081 target list

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0235	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00235	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0118	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0118	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0118	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00471	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.118	1	EPA 8081B	01/31/2018 07:37	01/31/2018 14:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0588	1	EPA 8082A	01/31/2018 07:37	02/01/2018 12:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	1	EPA 8082A	01/31/2018 07:37	02/01/2018 12:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	1	EPA 8082A	01/31/2018 07:37	02/01/2018 12:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	1	EPA 8082A	01/31/2018 07:37	02/01/2018 12:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	1	EPA 8082A	01/31/2018 07:37	02/01/2018 12:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	1	EPA 8082A	01/31/2018 07:37	02/01/2018 12:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	1	EPA 8082A	01/31/2018 07:37	02/01/2018 12:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0588	1	EPA 8082A	01/31/2018 07:37	02/01/2018 12:40	LAB
							Certifications:			

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.9 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.4 %*		*30-120*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/02/2018 04:37	02/02/2018 13:11	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/02/2018 04:37	02/02/2018 13:11	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/02/2018 04:37	02/02/2018 13:11	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*118 %*		*30-150*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.111	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0133	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.0333**		mg/L	0.0222	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.00567**		mg/L	0.00556	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**0.134**		mg/L	0.111	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0209**		mg/L	0.0167	1	EPA 6010C	02/02/2018 09:27	02/02/2018 18:02	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/02/2018 09:25	02/05/2018 13:45	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/02/2018 09:25	02/05/2018 13:45	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/02/2018 09:25	02/05/2018 13:45	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/02/2018 09:25	02/05/2018 13:45	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/02/2018 09:25	02/05/2018 13:45	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/02/2018 09:25	02/05/2018 13:45	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	02/20/2018 12:38	02/20/2018 19:50	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/31/2018 09:22	01/31/2018 10:48	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB03_013018 **York Sample ID:** 18A1048-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1048	170384501	Water	January 30, 2018 2:00 pm	01/30/2018

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/05/2018 15:33	02/05/2018 15:49	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/02/2018 09:51	02/02/2018 14:53	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BA81242 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	01/31/18
18A1048-08	EBFB03_013018	01/31/18
BA81242-BLK1	Blank	01/31/18
BA81242-BLK2	Blank	01/31/18
BA81242-BS1	LCS	01/31/18
BA81242-BS2	LCS	01/31/18
BA81242-BSD1	LCS Dup	01/31/18
BA81242-BSD2	LCS Dup	01/31/18

Batch ID: BA81246 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	01/31/18
18A1048-03	SB115_15-16	01/31/18
18A1048-04	SB115_22-24	01/31/18
18A1048-06	SB115_31-32	01/31/18
BA81246-BLK1	Blank	01/31/18
BA81246-SRM1	Reference	01/31/18

Batch ID: BA81255 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	01/31/18
BA81255-BLK1	Blank	01/31/18
BA81255-BS1	LCS	01/31/18
BA81255-DUP1	Duplicate	01/31/18
BA81255-MS1	Matrix Spike	01/31/18

Batch ID: BA81256 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	01/31/18
18A1048-03	SB115_15-16	01/31/18
18A1048-04	SB115_22-24	01/31/18
18A1048-06	SB115_31-32	01/31/18
BA81256-BLK1	Blank	01/31/18
BA81256-BS1	LCS	01/31/18

Batch ID: BA81259 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	01/31/18
18A1048-03	SB115_15-16	01/31/18

18A1048-04	SB115_22-24	01/31/18
18A1048-06	SB115_31-32	01/31/18
BA81259-BLK1	Blank	01/31/18
BA81259-SRM1	Reference	01/31/18

Batch ID: BA81260 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	01/31/18
18A1048-03	SB115_15-16	01/31/18
18A1048-04	SB115_22-24	01/31/18
18A1048-06	SB115_31-32	01/31/18
BA81260-BLK1	Blank	01/31/18
BA81260-SRM1	Reference	01/31/18

Batch ID: BA81284 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	01/31/18
18A1048-01	SB115_0-2	01/31/18
18A1048-03	SB115_15-16	01/31/18
18A1048-03	SB115_15-16	01/31/18
18A1048-04	SB115_22-24	01/31/18
18A1048-04	SB115_22-24	01/31/18
18A1048-06	SB115_31-32	01/31/18
18A1048-06	SB115_31-32	01/31/18
BA81284-BLK1	Blank	01/31/18
BA81284-BLK1	Blank	01/31/18
BA81284-BS1	LCS	01/31/18
BA81284-MS1	Matrix Spike	01/31/18
BA81284-MSD1	Matrix Spike Dup	01/31/18

Batch ID: BB80005 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	02/01/18
18A1048-01	SB115_0-2	02/01/18
18A1048-03	SB115_15-16	02/01/18
18A1048-03	SB115_15-16	02/01/18
18A1048-04	SB115_22-24	02/01/18
18A1048-04	SB115_22-24	02/01/18
18A1048-06	SB115_31-32	02/01/18
18A1048-06	SB115_31-32	02/01/18
BB80005-BLK1	Blank	02/01/18
BB80005-BLK2	Blank	02/01/18
BB80005-BS1	LCS	02/01/18
BB80005-BS2	LCS	02/01/18

Batch ID: BB80012 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	02/01/18
BB80012-BLK1	Blank	02/01/18
BB80012-BS1	LCS	02/01/18
BB80012-BSD1	LCS Dup	02/01/18

Batch ID: BB80018 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	02/01/18
18A1048-08	EBFB03_013018	02/01/18
BB80018-BLK1	Blank	02/01/18
BB80018-BLK1	Blank	02/01/18
BB80018-BLK2	Blank	02/01/18
BB80018-BS1	LCS	02/01/18
BB80018-BS2	LCS	02/01/18
BB80018-BSD1	LCS Dup	02/01/18

Batch ID: BB80063 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	02/02/18
BB80063-BLK1	Blank	02/02/18
BB80063-BS1	LCS	02/02/18
BB80063-BSD1	LCS Dup	02/02/18

Batch ID: BB80064 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	02/02/18
18A1048-03	SB115_15-16	02/02/18
18A1048-04	SB115_22-24	02/02/18
18A1048-06	SB115_31-32	02/02/18
BB80064-BLK1	Blank	02/02/18
BB80064-BS1	LCS	02/02/18

Batch ID: BB80080 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	02/02/18
BB80080-BLK1	Blank	02/02/18
BB80080-BS1	LCS	02/02/18
BB80080-DUP1	Duplicate	02/02/18
BB80080-MS1	Matrix Spike	02/02/18

Batch ID: BB80081 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	02/02/18
BB80081-BLK1	Blank	02/02/18
BB80081-DUP1	Duplicate	02/02/18
BB80081-MS1	Matrix Spike	02/02/18
BB80081-SRM1	Reference	02/02/18

Batch ID: BB80083 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	02/02/18
BB80083-BLK1	Blank	02/02/18
BB80083-BS1	LCS	02/02/18

Batch ID: BB80106 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	02/02/18
18A1048-03	SB115_15-16	02/02/18
18A1048-04	SB115_22-24	02/02/18
18A1048-06	SB115_31-32	02/02/18

Batch ID: BB80139 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	02/05/18
18A1048-03	SB115_15-16	02/05/18
18A1048-04	SB115_22-24	02/05/18
18A1048-06	SB115_31-32	02/05/18
BB80139-BLK1	Blank	02/05/18
BB80139-BS1	LCS	02/05/18
BB80139-BSD1	LCS Dup	02/05/18

Batch ID: BB80164 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-01	SB115_0-2	02/05/18
18A1048-03	SB115_15-16	02/05/18
18A1048-04	SB115_22-24	02/05/18
18A1048-06	SB115_31-32	02/05/18

Batch ID: BB80165 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	02/05/18

Batch ID: BB80299 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/08/18
18A1048-02	SB115_7-8	02/08/18
BB80299-BLK1	Blank	02/08/18
BB80299-BLK1	Blank	02/08/18
BB80299-BS1	LCS	02/08/18

Batch ID: BB80300 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/08/18
18A1048-02	SB115_7-8	02/08/18
BB80300-BLK1	Blank	02/08/18
BB80300-BLK2	Blank	02/08/18
BB80300-BS1	LCS	02/08/18
BB80300-BS2	LCS	02/08/18

Batch ID: BB80302 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/08/18
BB80302-BLK1	Blank	02/08/18
BB80302-SRM1	Reference	02/08/18

Batch ID: BB80303 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/08/18
BB80303-BLK1	Blank	02/08/18
BB80303-SRM1	Reference	02/08/18

Batch ID: BB80304 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/08/18
BB80304-BLK1	Blank	02/08/18
BB80304-DUP1	Duplicate	02/08/18
BB80304-MS1	Matrix Spike	02/08/18
BB80304-SRM1	Reference	02/08/18

Batch ID: BB80306 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/08/18

BB80306-BLK1	Blank	02/08/18
BB80306-DUP1	Duplicate	02/08/18
BB80306-MS1	Matrix Spike	02/08/18
BB80306-SRM1	Reference	02/08/18

Batch ID: BB80337 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/08/18
BB80337-DUP1	Duplicate	02/08/18

Batch ID: BB80354 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/09/18
BB80354-BLK1	Blank	02/09/18
BB80354-BS1	LCS	02/09/18

Batch ID: BB80359 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/09/18
BB80359-BLK1	Blank	02/09/18
BB80359-BS1	LCS	02/09/18
BB80359-BSD1	LCS Dup	02/09/18

Batch ID: BB80498 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-02	SB115_7-8	02/13/18

Batch ID: BB80862 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1048-08	EBFB03_013018	02/20/18
BB80862-BLK1	Blank	02/20/18
BB80862-SRM1	Reference	02/20/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80012 - EPA 5030B											
Blank (BB80012-BLK1)											Prepared & Analyzed: 02/01/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

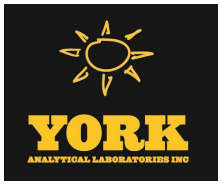
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80012 - EPA 5030B											
Blank (BB80012-BLK1)								Prepared & Analyzed: 02/01/2018			
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS (BB80012-BS1)								Prepared & Analyzed: 02/01/2018			
1,1,1,2-Tetrachloroethane	9.74		ug/L	10.0		97.4	82-126				
1,1,1-Trichloroethane	8.96		"	10.0		89.6	78-136				
1,1,2,2-Tetrachloroethane	9.63		"	10.0		96.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.92		"	10.0		79.2	54-165				
1,1,2-Trichloroethane	9.29		"	10.0		92.9	82-123				
1,1-Dichloroethane	8.55		"	10.0		85.5	82-129				
1,1-Dichloroethylene	8.02		"	10.0		80.2	68-138				
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136				
1,2,3-Trichloropropane	9.75		"	10.0		97.5	77-128				
1,2,4-Trichlorobenzene	10.0		"	10.0		100	76-137				
1,2,4-Trimethylbenzene	9.58		"	10.0		95.8	82-132				
1,2-Dibromo-3-chloropropane	9.07		"	10.0		90.7	45-147				
1,2-Dibromoethane	9.53		"	10.0		95.3	83-124				
1,2-Dichlorobenzene	9.84		"	10.0		98.4	79-123				
1,2-Dichloroethane	9.26		"	10.0		92.6	73-132				
1,2-Dichloropropane	8.89		"	10.0		88.9	78-126				
1,3,5-Trimethylbenzene	9.52		"	10.0		95.2	80-131				
1,3-Dichlorobenzene	9.58		"	10.0		95.8	86-122				
1,4-Dichlorobenzene	9.51		"	10.0		95.1	85-124				
1,4-Dioxane	208		"	210		99.2	10-349				
2-Butanone	9.14		"	10.0		91.4	49-152				
2-Hexanone	9.04		"	10.0		90.4	51-146				
4-Methyl-2-pentanone	8.62		"	10.0		86.2	57-145				
Acetone	12.3		"	10.0		123	14-150				
Acrolein	36.1		"	10.0		361	10-153	High Bias			
Acrylonitrile	9.16		"	10.0		91.6	51-150				
Benzene	8.80		"	10.0		88.0	85-126				
Bromochloromethane	8.70		"	10.0		87.0	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80012 - EPA 5030B											
LCS (BB80012-BS1)								Prepared & Analyzed: 02/01/2018			
Bromodichloromethane	9.27		ug/L	10.0		92.7	79-128				
Bromoform	9.86		"	10.0		98.6	78-133				
Bromomethane	6.23		"	10.0		62.3	43-168				
Carbon disulfide	9.00		"	10.0		90.0	68-146				
Carbon tetrachloride	9.35		"	10.0		93.5	77-141				
Chlorobenzene	9.30		"	10.0		93.0	88-120				
Chloroethane	8.94		"	10.0		89.4	65-136				
Chloroform	9.10		"	10.0		91.0	82-128				
Chloromethane	7.72		"	10.0		77.2	43-155				
cis-1,2-Dichloroethylene	8.52		"	10.0		85.2	83-129				
cis-1,3-Dichloropropylene	9.20		"	10.0		92.0	80-131				
Cyclohexane	8.09		"	10.0		80.9	63-149				
Dibromochloromethane	9.77		"	10.0		97.7	80-130				
Dibromomethane	9.32		"	10.0		93.2	72-134				
Dichlorodifluoromethane	9.29		"	10.0		92.9	44-144				
Ethyl Benzene	9.55		"	10.0		95.5	80-131				
Hexachlorobutadiene	9.52		"	10.0		95.2	67-146				
Isopropylbenzene	9.27		"	10.0		92.7	76-140				
Methyl acetate	7.42		"	10.0		74.2	51-139				
Methyl tert-butyl ether (MTBE)	9.16		"	10.0		91.6	76-135				
Methylcyclohexane	8.24		"	10.0		82.4	72-143				
Methylene chloride	8.07		"	10.0		80.7	55-137				
n-Butylbenzene	9.33		"	10.0		93.3	79-132				
n-Propylbenzene	9.27		"	10.0		92.7	78-133				
o-Xylene	9.70		"	10.0		97.0	78-130				
p- & m- Xylenes	19.5		"	20.0		97.4	77-133				
p-Isopropyltoluene	9.40		"	10.0		94.0	81-136				
sec-Butylbenzene	9.69		"	10.0		96.9	79-137				
Styrene	9.39		"	10.0		93.9	67-132				
tert-Butyl alcohol (TBA)	41.1		"	50.0		82.1	25-162				
tert-Butylbenzene	9.34		"	10.0		93.4	77-138				
Tetrachloroethylene	8.74		"	10.0		87.4	82-131				
Toluene	9.14		"	10.0		91.4	80-127				
trans-1,2-Dichloroethylene	8.27		"	10.0		82.7	80-132				
trans-1,3-Dichloropropylene	9.36		"	10.0		93.6	78-131				
Trichloroethylene	9.01		"	10.0		90.1	82-128				
Trichlorofluoromethane	9.75		"	10.0		97.5	67-139				
Vinyl Chloride	9.44		"	10.0		94.4	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80012 - EPA 5030B											
LCS Dup (BB80012-BSD1)								Prepared & Analyzed: 02/01/2018			
1,1,1,2-Tetrachloroethane	9.56		ug/L	10.0		95.6	82-126		1.87	30	
1,1,1-Trichloroethane	8.79		"	10.0		87.9	78-136		1.92	30	
1,1,2,2-Tetrachloroethane	9.51		"	10.0		95.1	76-129		1.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.82		"	10.0		78.2	54-165		1.27	30	
1,1,2-Trichloroethane	9.23		"	10.0		92.3	82-123		0.648	30	
1,1-Dichloroethane	8.50		"	10.0		85.0	82-129		0.587	30	
1,1-Dichloroethylene	7.94		"	10.0		79.4	68-138		1.00	30	
1,2,3-Trichlorobenzene	13.7		"	10.0		137	76-136	High Bias	18.7	30	
1,2,3-Trichloropropane	9.82		"	10.0		98.2	77-128		0.715	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-137		6.82	30	
1,2,4-Trimethylbenzene	9.25		"	10.0		92.5	82-132		3.51	30	
1,2-Dibromo-3-chloropropane	9.07		"	10.0		90.7	45-147		0.00	30	
1,2-Dibromoethane	9.38		"	10.0		93.8	83-124		1.59	30	
1,2-Dichlorobenzene	9.58		"	10.0		95.8	79-123		2.68	30	
1,2-Dichloroethane	9.45		"	10.0		94.5	73-132		2.03	30	
1,2-Dichloropropane	8.70		"	10.0		87.0	78-126		2.16	30	
1,3,5-Trimethylbenzene	9.31		"	10.0		93.1	80-131		2.23	30	
1,3-Dichlorobenzene	9.23		"	10.0		92.3	86-122		3.72	30	
1,4-Dichlorobenzene	9.31		"	10.0		93.1	85-124		2.13	30	
1,4-Dioxane	208		"	210		98.9	10-349		0.264	30	
2-Butanone	8.18		"	10.0		81.8	49-152		11.1	30	
2-Hexanone	8.98		"	10.0		89.8	51-146		0.666	30	
4-Methyl-2-pentanone	8.68		"	10.0		86.8	57-145		0.694	30	
Acetone	9.13		"	10.0		91.3	14-150		29.3	30	
Acrolein	34.6		"	10.0		346	10-153	High Bias	4.02	30	
Acrylonitrile	7.99		"	10.0		79.9	51-150		13.6	30	
Benzene	8.72		"	10.0		87.2	85-126		0.913	30	
Bromochloromethane	8.57		"	10.0		85.7	77-128		1.51	30	
Bromodichloromethane	9.10		"	10.0		91.0	79-128		1.85	30	
Bromoform	9.74		"	10.0		97.4	78-133		1.22	30	
Bromomethane	6.01		"	10.0		60.1	43-168		3.59	30	
Carbon disulfide	8.85		"	10.0		88.5	68-146		1.68	30	
Carbon tetrachloride	9.12		"	10.0		91.2	77-141		2.49	30	
Chlorobenzene	9.23		"	10.0		92.3	88-120		0.756	30	
Chloroethane	8.87		"	10.0		88.7	65-136		0.786	30	
Chloroform	8.97		"	10.0		89.7	82-128		1.44	30	
Chloromethane	7.42		"	10.0		74.2	43-155		3.96	30	
cis-1,2-Dichloroethylene	8.44		"	10.0		84.4	83-129		0.943	30	
cis-1,3-Dichloropropylene	9.01		"	10.0		90.1	80-131		2.09	30	
Cyclohexane	8.06		"	10.0		80.6	63-149		0.372	30	
Dibromochloromethane	9.73		"	10.0		97.3	80-130		0.410	30	
Dibromomethane	9.29		"	10.0		92.9	72-134		0.322	30	
Dichlorodifluoromethane	9.15		"	10.0		91.5	44-144		1.52	30	
Ethyl Benzene	9.40		"	10.0		94.0	80-131		1.58	30	
Hexachlorobutadiene	9.85		"	10.0		98.5	67-146		3.41	30	
Isopropylbenzene	8.95		"	10.0		89.5	76-140		3.51	30	
Methyl acetate	7.53		"	10.0		75.3	51-139		1.47	30	
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	76-135		0.761	30	
Methylcyclohexane	8.01		"	10.0		80.1	72-143		2.83	30	
Methylene chloride	7.90		"	10.0		79.0	55-137		2.13	30	
n-Butylbenzene	9.07		"	10.0		90.7	79-132		2.83	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80012 - EPA 5030B											
LCS Dup (BB80012-BSD1)								Prepared & Analyzed: 02/01/2018			
n-Propylbenzene	8.99		ug/L	10.0		89.9	78-133		3.07	30	
o-Xylene	9.58		"	10.0		95.8	78-130		1.24	30	
p- & m- Xylenes	19.2		"	20.0		96.2	77-133		1.24	30	
p-Isopropyltoluene	9.10		"	10.0		91.0	81-136		3.24	30	
sec-Butylbenzene	9.31		"	10.0		93.1	79-137		4.00	30	
Styrene	9.34		"	10.0		93.4	67-132		0.534	30	
tert-Butyl alcohol (TBA)	43.4		"	50.0		86.8	25-162		5.54	30	
tert-Butylbenzene	8.94		"	10.0		89.4	77-138		4.38	30	
Tetrachloroethylene	8.54		"	10.0		85.4	82-131		2.31	30	
Toluene	8.96		"	10.0		89.6	80-127		1.99	30	
trans-1,2-Dichloroethylene	8.22		"	10.0		82.2	80-132		0.606	30	
trans-1,3-Dichloropropylene	9.20		"	10.0		92.0	78-131		1.72	30	
Trichloroethylene	8.71		"	10.0		87.1	82-128		3.39	30	
Trichlorofluoromethane	9.52		"	10.0		95.2	67-139		2.39	30	
Vinyl Chloride	9.26		"	10.0		92.6	58-145		1.93	30	
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*79-122*				
Batch BB80139 - EPA 5035A											
Blank (BB80139-BLK1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0046	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	0.0025	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
Blank (BB80139-BLK1)											Prepared & Analyzed: 02/05/2018
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*49.4*		*ug/L*	*50.0*		*98.8*	*77-125*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS (BB80139-BS1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	50.4		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	48.4		"	50.0		96.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.2		"	50.0		92.4	58-146				
1,1,2-Trichloroethane	45.4		"	50.0		90.8	83-123				
1,1-Dichloroethane	48.4		"	50.0		96.7	75-130				
1,1-Dichloroethylene	45.0		"	50.0		90.0	64-137				
1,2,3-Trichlorobenzene	52.2		"	50.0		104	81-140				
1,2,3-Trichloropropane	48.9		"	50.0		97.7	81-126				
1,2,4-Trichlorobenzene	50.7		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125				
1,2-Dibromo-3-chloropropane	53.0		"	50.0		106	74-142				
1,2-Dibromoethane	47.0		"	50.0		94.0	86-123				
1,2-Dichlorobenzene	49.4		"	50.0		98.9	85-122				
1,2-Dichloroethane	50.5		"	50.0		101	71-133				
1,2-Dichloropropane	45.1		"	50.0		90.2	81-122				
1,3,5-Trimethylbenzene	46.3		"	50.0		92.6	82-126				
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124				
1,4-Dichlorobenzene	49.2		"	50.0		98.4	84-124				
1,4-Dioxane	957		"	1050		91.1	10-228				
2-Butanone	50.6		"	50.0		101	58-147				
2-Hexanone	45.1		"	50.0		90.2	70-139				
4-Methyl-2-pentanone	44.1		"	50.0		88.1	72-132				
Acetone	40.5		"	50.0		81.1	36-155				
Acrolein	28.8		"	50.0		57.6	10-238				
Acrylonitrile	43.0		"	50.0		86.1	66-141				
Benzene	47.8		"	50.0		95.7	77-127				
Bromochloromethane	48.0		"	50.0		95.9	74-129				
Bromodichloromethane	52.0		"	50.0		104	81-124				
Bromoform	63.5		"	50.0		127	80-136				
Bromomethane	52.0		"	50.0		104	32-177				
Carbon disulfide	58.3		"	50.0		117	10-136				
Carbon tetrachloride	52.1		"	50.0		104	66-143				
Chlorobenzene	47.6		"	50.0		95.2	86-120				
Chloroethane	50.1		"	50.0		100	51-142				
Chloroform	49.3		"	50.0		98.6	76-131				
Chloromethane	56.9		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	48.0		"	50.0		96.1	74-132				
cis-1,3-Dichloropropylene	49.2		"	50.0		98.3	81-129				
Cyclohexane	45.4		"	50.0		90.7	70-130				
Dibromochloromethane	59.2		"	50.0		118	10-200				
Dibromomethane	47.1		"	50.0		94.1	83-124				
Dichlorodifluoromethane	72.4		"	50.0		145	28-158				
Ethyl Benzene	46.4		"	50.0		92.8	84-125				
Hexachlorobutadiene	48.6		"	50.0		97.2	83-133				
Isopropylbenzene	46.1		"	50.0		92.3	81-127				
Methyl acetate	41.2		"	50.0		82.4	41-143				
Methyl tert-butyl ether (MTBE)	51.0		"	50.0		102	74-131				
Methylcyclohexane	43.6		"	50.0		87.3	70-130				
Methylene chloride	45.5		"	50.0		91.0	57-141				
n-Butylbenzene	47.3		"	50.0		94.6	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS (BB80139-BS1)								Prepared & Analyzed: 02/05/2018			
n-Propylbenzene	47.2		ug/L	50.0		94.4	74-136				
o-Xylene	48.0		"	50.0		95.9	83-123				
p- & m- Xylenes	95.7		"	100		95.7	82-128				
p-Isopropyltoluene	48.9		"	50.0		97.7	85-125				
sec-Butylbenzene	47.5		"	50.0		94.9	83-125				
Styrene	46.4		"	50.0		92.9	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.2	70-130				
tert-Butylbenzene	47.0		"	50.0		93.9	80-127				
Tetrachloroethylene	46.8		"	50.0		93.5	80-129				
Toluene	45.7		"	50.0		91.3	85-121				
trans-1,2-Dichloroethylene	47.6		"	50.0		95.2	72-132				
trans-1,3-Dichloropropylene	50.9		"	50.0		102	78-132				
Trichloroethylene	47.5		"	50.0		95.0	84-123				
Trichlorofluoromethane	55.8		"	50.0		112	62-140				
Vinyl Chloride	53.5		"	50.0		107	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BB80139-BSD1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	52.8		ug/L	50.0		106	75-129		2.59	30	
1,1,1-Trichloroethane	53.2		"	50.0		106	71-137		5.56	30	
1,1,2,2-Tetrachloroethane	46.6		"	50.0		93.2	79-129		3.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.6		"	50.0		97.1	58-146		4.94	30	
1,1,2-Trichloroethane	46.2		"	50.0		92.3	83-123		1.66	30	
1,1-Dichloroethane	50.2		"	50.0		100	75-130		3.79	30	
1,1-Dichloroethylene	47.4		"	50.0		94.8	64-137		5.17	30	
1,2,3-Trichlorobenzene	50.8		"	50.0		102	81-140		2.76	30	
1,2,3-Trichloropropane	48.2		"	50.0		96.4	81-126		1.38	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		0.316	30	
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125		0.0208	30	
1,2-Dibromo-3-chloropropane	50.9		"	50.0		102	74-142		4.16	30	
1,2-Dibromoethane	47.9		"	50.0		95.9	86-123		1.98	30	
1,2-Dichlorobenzene	49.5		"	50.0		99.0	85-122		0.141	30	
1,2-Dichloroethane	51.0		"	50.0		102	71-133		1.14	30	
1,2-Dichloropropane	46.1		"	50.0		92.3	81-122		2.30	30	
1,3,5-Trimethylbenzene	46.7		"	50.0		93.5	82-126		0.903	30	
1,3-Dichlorobenzene	49.1		"	50.0		98.2	84-124		0.366	30	
1,4-Dichlorobenzene	48.0		"	50.0		96.1	84-124		2.41	30	
1,4-Dioxane	905		"	1050		86.2	10-228		5.60	30	
2-Butanone	50.9		"	50.0		102	58-147		0.493	30	
2-Hexanone	43.1		"	50.0		86.2	70-139		4.47	30	
4-Methyl-2-pentanone	44.0		"	50.0		88.1	72-132		0.0454	30	
Acetone	38.2		"	50.0		76.5	36-155		5.81	30	
Acrolein	29.8		"	50.0		59.5	10-238		3.21	30	
Acrylonitrile	41.6		"	50.0		83.1	66-141		3.50	30	
Benzene	48.8		"	50.0		97.6	77-127		1.92	30	
Bromochloromethane	49.2		"	50.0		98.3	74-129		2.47	30	
Bromodichloromethane	52.0		"	50.0		104	81-124		0.0384	30	
Bromoform	62.5		"	50.0		125	80-136		1.57	30	
Bromomethane	54.6		"	50.0		109	32-177		4.75	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS Dup (BB80139-BSD1)								Prepared & Analyzed: 02/05/2018			
Carbon disulfide	60.0		ug/L	50.0		120	10-136		2.91	30	
Carbon tetrachloride	55.4		"	50.0		111	66-143		6.12	30	
Chlorobenzene	48.3		"	50.0		96.6	86-120		1.50	30	
Chloroethane	51.9		"	50.0		104	51-142		3.55	30	
Chloroform	50.6		"	50.0		101	76-131		2.66	30	
Chloromethane	59.8		"	50.0		120	49-132		5.07	30	
cis-1,2-Dichloroethylene	48.6		"	50.0		97.3	74-132		1.22	30	
cis-1,3-Dichloropropylene	49.5		"	50.0		99.1	81-129		0.770	30	
Cyclohexane	47.9		"	50.0		95.7	70-130		5.34	30	
Dibromochloromethane	58.8		"	50.0		118	10-200		0.712	30	
Dibromomethane	47.3		"	50.0		94.6	83-124		0.466	30	
Dichlorodifluoromethane	76.9		"	50.0		154	28-158		6.09	30	
Ethyl Benzene	48.8		"	50.0		97.6	84-125		5.02	30	
Hexachlorobutadiene	50.0		"	50.0		100	83-133		2.94	30	
Isopropylbenzene	47.1		"	50.0		94.2	81-127		2.10	30	
Methyl acetate	38.6		"	50.0		77.2	41-143		6.54	30	
Methyl tert-butyl ether (MTBE)	51.4		"	50.0		103	74-131		0.723	30	
Methylcyclohexane	45.6		"	50.0		91.1	70-130		4.31	30	
Methylene chloride	46.6		"	50.0		93.2	57-141		2.45	30	
n-Butylbenzene	48.8		"	50.0		97.6	80-130		3.12	30	
n-Propylbenzene	47.8		"	50.0		95.6	74-136		1.18	30	
o-Xylene	47.8		"	50.0		95.7	83-123		0.292	30	
p- & m- Xylenes	96.0		"	100		96.0	82-128		0.334	30	
p-Isopropyltoluene	49.7		"	50.0		99.4	85-125		1.72	30	
sec-Butylbenzene	48.5		"	50.0		97.0	83-125		2.19	30	
Styrene	45.8		"	50.0		91.6	86-126		1.39	30	
tert-Butyl alcohol (TBA)	224		"	250		89.4	70-130		5.17	30	
tert-Butylbenzene	48.5		"	50.0		97.0	80-127		3.27	30	
Tetrachloroethylene	48.2		"	50.0		96.4	80-129		3.03	30	
Toluene	47.2		"	50.0		94.5	85-121		3.38	30	
trans-1,2-Dichloroethylene	49.0		"	50.0		97.9	72-132		2.84	30	
trans-1,3-Dichloropropylene	51.0		"	50.0		102	78-132		0.118	30	
Trichloroethylene	49.0		"	50.0		97.9	84-123		3.01	30	
Trichlorofluoromethane	57.6		"	50.0		115	62-140		3.24	30	
Vinyl Chloride	56.2		"	50.0		112	52-130		4.99	30	
Surrogate: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
Blank (BB80359-BLK1)											Prepared & Analyzed: 02/09/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

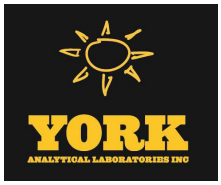
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
Blank (BB80359-BLK1)									Prepared & Analyzed: 02/09/2018		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.0*		*96.2*	*77-125*				
Surrogate: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				
LCS (BB80359-BS1)									Prepared & Analyzed: 02/09/2018		
1,1,1,2-Tetrachloroethane	50.8		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	47.8		"	50.0		95.5	71-137				
1,1,2,2-Tetrachloroethane	48.0		"	50.0		95.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.9		"	50.0		99.7	58-146				
1,1,2-Trichloroethane	46.1		"	50.0		92.3	83-123				
1,1-Dichloroethane	49.0		"	50.0		98.0	75-130				
1,1-Dichloroethylene	47.3		"	50.0		94.6	64-137				
1,2,3-Trichlorobenzene	52.6		"	50.0		105	81-140				
1,2,3-Trichloropropane	44.8		"	50.0		89.7	81-126				
1,2,4-Trichlorobenzene	53.0		"	50.0		106	80-141				
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	44.5		"	50.0		89.0	74-142				
1,2-Dibromoethane	47.7		"	50.0		95.5	86-123				
1,2-Dichlorobenzene	48.4		"	50.0		96.7	85-122				
1,2-Dichloroethane	48.2		"	50.0		96.3	71-133				
1,2-Dichloropropane	44.8		"	50.0		89.7	81-122				
1,3,5-Trimethylbenzene	48.6		"	50.0		97.3	82-126				
1,3-Dichlorobenzene	50.2		"	50.0		100	84-124				
1,4-Dichlorobenzene	49.1		"	50.0		98.3	84-124				
1,4-Dioxane	928		"	1050		88.4	10-228				
2-Butanone	44.0		"	50.0		87.9	58-147				
2-Hexanone	42.5		"	50.0		85.1	70-139				
4-Methyl-2-pentanone	43.1		"	50.0		86.2	72-132				
Acetone	34.7		"	50.0		69.4	36-155				
Acrolein	42.2		"	50.0		84.4	10-238				
Acrylonitrile	44.8		"	50.0		89.6	66-141				
Benzene	48.0		"	50.0		96.1	77-127				
Bromochloromethane	50.5		"	50.0		101	74-129				
Bromodichloromethane	47.4		"	50.0		94.8	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
LCS (BB80359-BS1)								Prepared & Analyzed: 02/09/2018			
Bromoform	51.2		ug/L	50.0		102	80-136				
Bromomethane	48.9		"	50.0		97.9	32-177				
Carbon disulfide	53.3		"	50.0		107	10-136				
Carbon tetrachloride	49.6		"	50.0		99.1	66-143				
Chlorobenzene	47.5		"	50.0		95.1	86-120				
Chloroethane	47.3		"	50.0		94.6	51-142				
Chloroform	47.4		"	50.0		94.8	76-131				
Chloromethane	52.0		"	50.0		104	49-132				
cis-1,2-Dichloroethylene	47.9		"	50.0		95.8	74-132				
cis-1,3-Dichloropropylene	47.7		"	50.0		95.4	81-129				
Cyclohexane	48.7		"	50.0		97.4	70-130				
Dibromochloromethane	52.3		"	50.0		105	10-200				
Dibromomethane	44.3		"	50.0		88.5	83-124				
Dichlorodifluoromethane	69.7		"	50.0		139	28-158				
Ethyl Benzene	48.4		"	50.0		96.7	84-125				
Hexachlorobutadiene	53.6		"	50.0		107	83-133				
Isopropylbenzene	48.7		"	50.0		97.4	81-127				
Methyl acetate	40.6		"	50.0		81.2	41-143				
Methyl tert-butyl ether (MTBE)	49.7		"	50.0		99.3	74-131				
Methylcyclohexane	46.6		"	50.0		93.1	70-130				
Methylene chloride	45.1		"	50.0		90.3	57-141				
n-Butylbenzene	49.8		"	50.0		99.6	80-130				
n-Propylbenzene	48.8		"	50.0		97.6	74-136				
o-Xylene	48.4		"	50.0		96.9	83-123				
p- & m- Xylenes	92.5		"	100		92.5	82-128				
p-Isopropyltoluene	50.1		"	50.0		100	85-125				
sec-Butylbenzene	51.6		"	50.0		103	83-125				
Styrene	45.3		"	50.0		90.7	86-126				
tert-Butyl alcohol (TBA)	60.8		"	250		24.3	70-130	Low Bias			
tert-Butylbenzene	41.5		"	50.0		83.0	80-127				
Tetrachloroethylene	49.8		"	50.0		99.5	80-129				
Toluene	47.4		"	50.0		94.8	85-121				
trans-1,2-Dichloroethylene	46.4		"	50.0		92.9	72-132				
trans-1,3-Dichloropropylene	46.5		"	50.0		93.0	78-132				
Trichloroethylene	49.1		"	50.0		98.1	84-123				
Trichlorofluoromethane	52.3		"	50.0		105	62-140				
Vinyl Chloride	52.8		"	50.0		106	52-130				
Surrogate: 1,2-Dichloroethane-d4	*46.6*		*"*	*50.0*		*93.1*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
LCS Dup (BB80359-BSD1)								Prepared & Analyzed: 02/09/2018			
1,1,1,2-Tetrachloroethane	50.4		ug/L	50.0		101	75-129		0.810	30	
1,1,1-Trichloroethane	47.6		"	50.0		95.3	71-137		0.252	30	
1,1,2,2-Tetrachloroethane	48.1		"	50.0		96.3	79-129		0.395	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.7		"	50.0		97.4	58-146		2.39	30	
1,1,2-Trichloroethane	47.1		"	50.0		94.3	83-123		2.14	30	
1,1-Dichloroethane	46.5		"	50.0		93.0	75-130		5.25	30	
1,1-Dichloroethylene	45.9		"	50.0		91.7	64-137		3.07	30	
1,2,3-Trichlorobenzene	51.8		"	50.0		104	81-140		1.55	30	
1,2,3-Trichloropropane	47.4		"	50.0		94.7	81-126		5.47	30	
1,2,4-Trichlorobenzene	53.6		"	50.0		107	80-141		1.22	30	
1,2,4-Trimethylbenzene	48.9		"	50.0		97.9	84-125		2.42	30	
1,2-Dibromo-3-chloropropane	56.2		"	50.0		112	74-142		23.1	30	
1,2-Dibromoethane	46.4		"	50.0		92.8	86-123		2.87	30	
1,2-Dichlorobenzene	48.4		"	50.0		96.8	85-122		0.0827	30	
1,2-Dichloroethane	47.7		"	50.0		95.4	71-133		0.960	30	
1,2-Dichloropropane	44.6		"	50.0		89.2	81-122		0.514	30	
1,3,5-Trimethylbenzene	47.6		"	50.0		95.3	82-126		2.10	30	
1,3-Dichlorobenzene	49.5		"	50.0		99.0	84-124		1.38	30	
1,4-Dichlorobenzene	47.8		"	50.0		95.5	84-124		2.83	30	
1,4-Dioxane	910		"	1050		86.7	10-228		1.99	30	
2-Butanone	47.0		"	50.0		93.9	58-147		6.58	30	
2-Hexanone	44.5		"	50.0		89.0	70-139		4.55	30	
4-Methyl-2-pentanone	43.9		"	50.0		87.9	72-132		1.93	30	
Acetone	36.4		"	50.0		72.8	36-155		4.78	30	
Acrolein	48.4		"	50.0		96.9	10-238		13.7	30	
Acrylonitrile	45.7		"	50.0		91.5	66-141		2.08	30	
Benzene	47.5		"	50.0		95.0	77-127		1.15	30	
Bromochloromethane	47.2		"	50.0		94.3	74-129		6.76	30	
Bromodichloromethane	47.5		"	50.0		95.0	81-124		0.253	30	
Bromoform	50.7		"	50.0		101	80-136		0.963	30	
Bromomethane	46.1		"	50.0		92.2	32-177		6.00	30	
Carbon disulfide	51.2		"	50.0		102	10-136		4.09	30	
Carbon tetrachloride	48.6		"	50.0		97.1	66-143		2.02	30	
Chlorobenzene	48.0		"	50.0		96.0	86-120		0.963	30	
Chloroethane	48.9		"	50.0		97.8	51-142		3.35	30	
Chloroform	46.4		"	50.0		92.7	76-131		2.18	30	
Chloromethane	50.2		"	50.0		100	49-132		3.44	30	
cis-1,2-Dichloroethylene	47.0		"	50.0		94.1	74-132		1.79	30	
cis-1,3-Dichloropropylene	48.3		"	50.0		96.7	81-129		1.31	30	
Cyclohexane	48.6		"	50.0		97.3	70-130		0.0822	30	
Dibromochloromethane	52.3		"	50.0		105	10-200		0.0191	30	
Dibromomethane	46.5		"	50.0		93.0	83-124		4.96	30	
Dichlorodifluoromethane	67.1		"	50.0		134	28-158		3.86	30	
Ethyl Benzene	47.9		"	50.0		95.9	84-125		0.914	30	
Hexachlorobutadiene	55.5		"	50.0		111	83-133		3.50	30	
Isopropylbenzene	48.8		"	50.0		97.7	81-127		0.226	30	
Methyl acetate	41.6		"	50.0		83.3	41-143		2.48	30	
Methyl tert-butyl ether (MTBE)	49.3		"	50.0		98.7	74-131		0.687	30	
Methylcyclohexane	47.5		"	50.0		94.9	70-130		1.91	30	
Methylene chloride	46.1		"	50.0		92.2	57-141		2.08	30	
n-Butylbenzene	48.7		"	50.0		97.4	80-130		2.25	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
LCS Dup (BB80359-BSD1)								Prepared & Analyzed: 02/09/2018			
n-Propylbenzene	48.4		ug/L	50.0		96.9	74-136		0.720	30	
o-Xylene	48.7		"	50.0		97.4	83-123		0.576	30	
p- & m- Xylenes	93.0		"	100		93.0	82-128		0.518	30	
p-Isopropyltoluene	48.7		"	50.0		97.4	85-125		2.81	30	
sec-Butylbenzene	51.3		"	50.0		103	83-125		0.602	30	
Styrene	45.8		"	50.0		91.5	86-126		0.922	30	
tert-Butyl alcohol (TBA)	61.2		"	250		24.5	70-130	Low Bias	0.574	30	
tert-Butylbenzene	40.6		"	50.0		81.3	80-127		2.09	30	
Tetrachloroethylene	46.8		"	50.0		93.6	80-129		6.13	30	
Toluene	47.6		"	50.0		95.3	85-121		0.505	30	
trans-1,2-Dichloroethylene	46.1		"	50.0		92.2	72-132		0.757	30	
trans-1,3-Dichloropropylene	47.1		"	50.0		94.2	78-132		1.30	30	
Trichloroethylene	46.9		"	50.0		93.8	84-123		4.56	30	
Trichlorofluoromethane	51.4		"	50.0		103	62-140		1.78	30	
Vinyl Chloride	52.6		"	50.0		105	52-130		0.493	30	
Surrogate: 1,2-Dichloroethane-d4	*48.0*		*"*	*50.0*		*95.9*	*77-125*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Blank (BA81284-BLK1)									Prepared: 01/31/2018 Analyzed: 02/01/2018		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Blank (BA81284-BLK1)											Prepared: 01/31/2018 Analyzed: 02/01/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.25*		"	*2.55*		*88.4*	*20-108*				
Surrogate: Phenol-d5	*2.53*		"	*2.59*		*97.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.00*		"	*1.81*		*110*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.54*		"	*1.76*		*87.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.76*		"	*2.59*		*107*	*19-110*				
Surrogate: Terphenyl-d14	*1.38*		"	*1.69*		*82.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

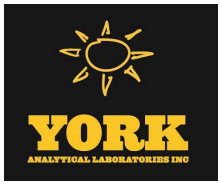
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
LCS (BA81284-BS1)								Prepared: 01/31/2018 Analyzed: 02/01/2018			
1,1-Biphenyl	0.638	0.0417	mg/kg wet	0.833		76.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.685	0.0833	"	0.833		82.2	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.626	0.0417	"	0.833		75.1	17-137				
2,3,4,6-Tetrachlorophenol	0.584	0.0833	"	0.833		70.0	30-130				
2,4,5-Trichlorophenol	0.680	0.0417	"	0.833		81.6	27-118				
2,4,6-Trichlorophenol	0.656	0.0417	"	0.833		78.7	31-120				
2,4-Dichlorophenol	0.685	0.0417	"	0.833		82.2	20-127				
2,4-Dimethylphenol	0.675	0.0417	"	0.833		81.0	14-132				
2,4-Dinitrophenol	0.663	0.0833	"	0.833		79.6	10-171				
2,4-Dinitrotoluene	0.673	0.0417	"	0.833		80.7	34-131				
2,6-Dinitrotoluene	0.665	0.0417	"	0.833		79.8	31-128				
2-Chloronaphthalene	0.511	0.0417	"	0.833		61.3	31-117				
2-Chlorophenol	0.632	0.0417	"	0.833		75.8	33-113				
2-Methylnaphthalene	0.724	0.0417	"	0.833		86.9	12-138				
2-Methylphenol	0.737	0.0417	"	0.833		88.4	10-136				
2-Nitroaniline	0.679	0.0833	"	0.833		81.4	27-132				
2-Nitrophenol	0.780	0.0417	"	0.833		93.6	17-129				
3- & 4-Methylphenols	0.614	0.0417	"	0.833		73.7	29-103				
3,3-Dichlorobenzidine	0.531	0.0417	"	0.833		63.7	22-149				
3-Nitroaniline	0.455	0.0833	"	0.833		54.6	20-133				
4,6-Dinitro-2-methylphenol	0.766	0.0833	"	0.833		91.9	10-143				
4-Bromophenyl phenyl ether	0.643	0.0417	"	0.833		77.1	29-120				
4-Chloro-3-methylphenol	0.809	0.0417	"	0.833		97.1	24-129				
4-Chloroaniline	0.307	0.0417	"	0.833		36.8	10-132				
4-Chlorophenyl phenyl ether	0.632	0.0417	"	0.833		75.9	27-124				
4-Nitroaniline	0.646	0.0833	"	0.833		77.5	16-128				
4-Nitrophenol	0.779	0.0833	"	0.833		93.5	10-141				
Acenaphthene	0.626	0.0417	"	0.833		75.2	30-121				
Acenaphthylene	0.584	0.0417	"	0.833		70.0	30-115				
Acetophenone	0.695	0.0417	"	0.833		83.4	20-112				
Aniline	0.528	0.167	"	0.833		63.4	10-119				
Anthracene	0.637	0.0417	"	0.833		76.4	34-118				
Atrazine	0.741	0.0417	"	0.833		88.9	26-112				
Benzaldehyde	0.751	0.0417	"	0.833		90.1	21-100				
Benzo(a)anthracene	0.691	0.0417	"	0.833		82.9	32-122				
Benzo(a)pyrene	0.747	0.0417	"	0.833		89.6	29-133				
Benzo(b)fluoranthene	0.693	0.0417	"	0.833		83.2	25-133				
Benzo(g,h,i)perylene	0.627	0.0417	"	0.833		75.2	10-143				
Benzo(k)fluoranthene	0.691	0.0417	"	0.833		82.9	25-128				
Benzoic acid	0.441	0.0417	"	0.967		45.6	10-140				
Benzyl alcohol	0.684	0.0417	"	0.833		82.1	30-115				
Benzyl butyl phthalate	0.730	0.0417	"	0.833		87.6	26-126				
Bis(2-chloroethoxy)methane	0.752	0.0417	"	0.833		90.3	19-132				
Bis(2-chloroethyl)ether	0.627	0.0417	"	0.833		75.2	19-125				
Bis(2-chloroisopropyl)ether	0.674	0.0417	"	0.833		80.8	20-135				
Bis(2-ethylhexyl)phthalate	0.734	0.0417	"	0.833		88.1	10-155				
Caprolactam	0.845	0.0833	"	0.833		101	10-127				
Carbazole	0.534	0.0417	"	0.833		64.1	35-123				
Chrysene	0.608	0.0417	"	0.833		73.0	32-123				
Dibenzo(a,h)anthracene	0.636	0.0417	"	0.833		76.3	10-136				
Dibenzofuran	0.633	0.0417	"	0.833		75.9	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
LCS (BA81284-BS1)									Prepared: 01/31/2018 Analyzed: 02/01/2018		
Diethyl phthalate	0.614	0.0417	mg/kg wet	0.833		73.7	34-116				
Dimethyl phthalate	0.620	0.0417	"	0.833		74.4	35-124				
Di-n-butyl phthalate	0.632	0.0417	"	0.833		75.8	31-116				
Di-n-octyl phthalate	0.827	0.0417	"	0.833		99.2	26-136				
Diphenylamine	0.767	0.0833	"	0.833		92.1	40-140				
Fluoranthene	0.665	0.0417	"	0.833		79.8	33-122				
Fluorene	0.642	0.0417	"	0.833		77.1	29-123				
Hexachlorobenzene	0.496	0.0417	"	0.833		59.6	21-124				
Hexachlorobutadiene	0.543	0.0417	"	0.833		65.2	10-149				
Hexachlorocyclopentadiene	0.263	0.0417	"	0.833		31.6	10-129				
Hexachloroethane	0.522	0.0417	"	0.833		62.7	28-108				
Indeno(1,2,3-cd)pyrene	0.625	0.0417	"	0.833		75.0	10-135				
Isophorone	0.624	0.0417	"	0.833		74.8	20-132				
Naphthalene	0.658	0.0417	"	0.833		79.0	23-124				
Nitrobenzene	0.587	0.0417	"	0.833		70.5	13-132				
N-Nitrosodimethylamine	0.549	0.0417	"	0.833		65.9	11-129				
N-nitroso-di-n-propylamine	0.714	0.0417	"	0.833		85.7	24-119				
N-Nitrosodiphenylamine	0.840	0.0417	"	0.833		101	22-152				
Pentachlorophenol	0.484	0.0417	"	0.833		58.0	10-139				
Phenanthrene	0.634	0.0417	"	0.833		76.0	33-123				
Phenol	0.659	0.0417	"	0.833		79.1	23-115				
Pyrene	0.662	0.0417	"	0.833		79.4	32-130				
Pyridine	0.487	0.167	"	0.833		58.4	10-91				
Surrogate: 2-Fluorophenol	*1.86*		"	*2.55*		*73.1*	*20-108*				
Surrogate: Phenol-d5	*2.20*		"	*2.59*		*85.0*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.60*		"	*1.81*		*88.5*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.25*		"	*1.76*		*71.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.38*		"	*2.59*		*92.1*	*19-110*				
Surrogate: Terphenyl-d14	*1.03*		"	*1.69*		*61.3*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

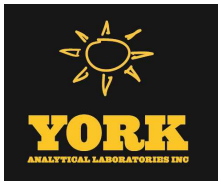
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Matrix Spike (BA81284-MS1)	*Source sample: 18A1048-06 (SB115_31-32)							Prepared: 01/31/2018 Analyzed: 02/01/2018			
1,1-Biphenyl	0.673	0.0877	mg/kg dry	0.876	ND	76.8	10-130				
1,2,4,5-Tetrachlorobenzene	0.720	0.175	"	0.876	ND	82.2	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.695	0.0877	"	0.876	ND	79.3	10-144				
2,3,4,6-Tetrachlorophenol	0.543	0.175	"	0.876	ND	61.9	30-130				
2,4,5-Trichlorophenol	0.742	0.0877	"	0.876	ND	84.6	10-127				
2,4,6-Trichlorophenol	0.694	0.0877	"	0.876	ND	79.2	10-132				
2,4-Dichlorophenol	0.773	0.0877	"	0.876	ND	88.2	10-128				
2,4-Dimethylphenol	0.738	0.0877	"	0.876	ND	84.2	10-137				
2,4-Dinitrophenol	0.461	0.175	"	0.876	ND	52.6	10-171				
2,4-Dinitrotoluene	0.638	0.0877	"	0.876	ND	72.8	16-135				
2,6-Dinitrotoluene	0.726	0.0877	"	0.876	ND	82.8	18-131				
2-Chloronaphthalene	0.529	0.0877	"	0.876	ND	60.4	10-129				
2-Chlorophenol	0.685	0.0877	"	0.876	ND	78.2	15-116				
2-Methylnaphthalene	0.804	0.0877	"	0.876	ND	91.8	10-147				
2-Methylphenol	0.707	0.0877	"	0.876	ND	80.7	10-136				
2-Nitroaniline	0.745	0.175	"	0.876	ND	85.0	10-137				
2-Nitrophenol	0.846	0.0877	"	0.876	ND	96.5	10-129				
3- & 4-Methylphenols	0.644	0.0877	"	0.876	ND	73.4	10-123				
3,3-Dichlorobenzidine	0.498	0.0877	"	0.876	ND	56.8	10-155				
3-Nitroaniline	0.534	0.175	"	0.876	ND	60.9	12-133				
4,6-Dinitro-2-methylphenol	0.778	0.175	"	0.876	ND	88.7	10-155				
4-Bromophenyl phenyl ether	0.686	0.0877	"	0.876	ND	78.3	14-128				
4-Chloro-3-methylphenol	0.907	0.0877	"	0.876	ND	103	10-134				
4-Chloroaniline	0.365	0.0877	"	0.876	ND	41.7	10-145				
4-Chlorophenyl phenyl ether	0.637	0.0877	"	0.876	ND	72.6	14-130				
4-Nitroaniline	0.602	0.175	"	0.876	ND	68.7	10-147				
4-Nitrophenol	0.872	0.175	"	0.876	ND	99.4	10-137				
Acenaphthene	0.699	0.0877	"	0.876	ND	79.8	10-146				
Acenaphthylene	0.635	0.0877	"	0.876	ND	72.5	10-134				
Acetophenone	0.818	0.0877	"	0.876	ND	93.3	10-116				
Aniline	0.483	0.351	"	0.876	ND	55.1	10-123				
Anthracene	0.675	0.0877	"	0.876	ND	77.0	10-142				
Atrazine	0.853	0.0877	"	0.876	ND	97.3	19-115				
Benzaldehyde	0.832	0.0877	"	0.876	ND	94.9	10-125				
Benzo(a)anthracene	0.773	0.0877	"	0.876	ND	88.2	10-158				
Benzo(a)pyrene	0.750	0.0877	"	0.876	ND	85.5	10-180				
Benzo(b)fluoranthene	0.750	0.0877	"	0.876	ND	85.5	10-200				
Benzo(g,h,i)perylene	0.735	0.0877	"	0.876	ND	83.8	10-138				
Benzo(k)fluoranthene	0.696	0.0877	"	0.876	ND	79.4	10-197				
Benzoic acid	0.163	0.0877	"	1.02	ND	16.0	10-166				
Benzyl alcohol	0.699	0.0877	"	0.876	ND	79.8	12-124				
Benzyl butyl phthalate	0.866	0.0877	"	0.876	ND	98.8	10-154				
Bis(2-chloroethoxy)methane	0.825	0.0877	"	0.876	ND	94.2	10-132				
Bis(2-chloroethyl)ether	0.646	0.0877	"	0.876	ND	73.7	10-119				
Bis(2-chloroisopropyl)ether	0.619	0.0877	"	0.876	ND	70.6	10-139				
Bis(2-ethylhexyl)phthalate	0.992	0.0877	"	0.876	0.136	97.7	10-167				
Caprolactam	0.875	0.175	"	0.876	ND	99.8	10-132				
Carbazole	0.591	0.0877	"	0.876	ND	67.4	10-167				
Chrysene	0.667	0.0877	"	0.876	ND	76.1	10-156				
Dibenzo(a,h)anthracene	0.743	0.0877	"	0.876	ND	84.8	10-137				
Dibenzofuran	0.633	0.0877	"	0.876	ND	72.2	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Matrix Spike (BA81284-MS1)	*Source sample: 18A1048-06 (SB115_31-32)							Prepared: 01/31/2018 Analyzed: 02/01/2018			
Diethyl phthalate	0.601	0.0877	mg/kg dry	0.876	ND	68.6	20-120				
Dimethyl phthalate	0.677	0.0877	"	0.876	ND	77.3	18-131				
Di-n-butyl phthalate	0.685	0.0877	"	0.876	ND	78.2	10-137				
Di-n-octyl phthalate	0.872	0.0877	"	0.876	ND	99.4	10-180				
Diphenylamine	0.849	0.175	"	0.876	ND	96.9	40-140				
Fluoranthene	0.735	0.0877	"	0.876	ND	83.8	10-160				
Fluorene	0.616	0.0877	"	0.876	ND	70.2	10-157				
Hexachlorobenzene	0.605	0.0877	"	0.876	ND	69.0	10-137				
Hexachlorobutadiene	0.623	0.0877	"	0.876	ND	71.0	10-132				
Hexachlorocyclopentadiene	0.182	0.0877	"	0.876	ND	20.8	10-106				
Hexachloroethane	0.581	0.0877	"	0.876	ND	66.3	10-110				
Indeno(1,2,3-cd)pyrene	0.759	0.0877	"	0.876	ND	86.6	10-144				
Isophorone	0.695	0.0877	"	0.876	ND	79.3	10-132				
Naphthalene	0.727	0.0877	"	0.876	ND	83.0	10-141				
Nitrobenzene	0.640	0.0877	"	0.876	ND	73.0	10-131				
N-Nitrosodimethylamine	0.542	0.0877	"	0.876	ND	61.8	10-126				
N-nitroso-di-n-propylamine	0.771	0.0877	"	0.876	ND	87.9	10-125				
N-Nitrosodiphenylamine	0.898	0.0877	"	0.876	ND	102	10-177				
Pentachlorophenol	0.430	0.0877	"	0.876	ND	49.0	10-153				
Phenanthrene	0.716	0.0877	"	0.876	ND	81.7	10-148				
Phenol	0.658	0.0877	"	0.876	ND	75.1	10-126				
Pyrene	0.708	0.0877	"	0.876	ND	80.8	10-165				
Pyridine	0.470	0.351	"	0.876	ND	53.6	10-83				
Surrogate: 2-Fluorophenol	*1.89*		"	*2.68*		*70.6*	*20-108*				
Surrogate: Phenol-d5	*2.21*		"	*2.72*		*81.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.78*		"	*1.91*		*93.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.38*		"	*1.85*		*74.5*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.56*		"	*2.72*		*94.0*	*19-110*				
Surrogate: Terphenyl-d14	*1.14*		"	*1.77*		*64.3*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

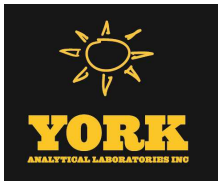
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Matrix Spike Dup (BA81284-MSD1)	*Source sample: 18A1048-06 (SB115_31-32)								Prepared: 01/31/2018 Analyzed: 02/01/2018		
1,1-Biphenyl	0.667	0.0877	mg/kg dry	0.876	ND	76.1	10-130		0.942	30	
1,2,4,5-Tetrachlorobenzene	0.696	0.175	"	0.876	ND	79.4	10-133		3.37	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.641	0.0877	"	0.876	ND	73.1	10-144		8.08	30	
2,3,4,6-Tetrachlorophenol	0.631	0.175	"	0.876	ND	72.0	30-130		15.1	30	
2,4,5-Trichlorophenol	0.735	0.0877	"	0.876	ND	83.8	10-127		0.950	30	
2,4,6-Trichlorophenol	0.684	0.0877	"	0.876	ND	78.1	10-132		1.42	30	
2,4-Dichlorophenol	0.746	0.0877	"	0.876	ND	85.1	10-128		3.60	30	
2,4-Dimethylphenol	0.658	0.0877	"	0.876	ND	75.1	10-137		11.4	30	
2,4-Dinitrophenol	0.531	0.175	"	0.876	ND	60.6	10-171		14.3	30	
2,4-Dinitrotoluene	0.666	0.0877	"	0.876	ND	76.0	16-135		4.30	30	
2,6-Dinitrotoluene	0.674	0.0877	"	0.876	ND	77.0	18-131		7.31	30	
2-Chloronaphthalene	0.534	0.0877	"	0.876	ND	60.9	10-129		0.792	30	
2-Chlorophenol	0.706	0.0877	"	0.876	ND	80.6	15-116		3.02	30	
2-Methylnaphthalene	0.747	0.0877	"	0.876	ND	85.2	10-147		7.41	30	
2-Methylphenol	0.724	0.0877	"	0.876	ND	82.6	10-136		2.25	30	
2-Nitroaniline	0.649	0.175	"	0.876	ND	74.1	10-137		13.8	30	
2-Nitrophenol	0.757	0.0877	"	0.876	ND	86.3	10-129		11.1	30	
3- & 4-Methylphenols	0.676	0.0877	"	0.876	ND	77.1	10-123		4.89	30	
3,3-Dichlorobenzidine	0.503	0.0877	"	0.876	ND	57.4	10-155		0.981	30	
3-Nitroaniline	0.520	0.175	"	0.876	ND	59.3	12-133		2.66	30	
4,6-Dinitro-2-methylphenol	0.677	0.175	"	0.876	ND	77.2	10-155		13.9	30	
4-Bromophenyl phenyl ether	0.724	0.0877	"	0.876	ND	82.6	14-128		5.37	30	
4-Chloro-3-methylphenol	0.834	0.0877	"	0.876	ND	95.1	10-134		8.38	30	
4-Chloroaniline	0.377	0.0877	"	0.876	ND	43.0	10-145		3.02	30	
4-Chlorophenyl phenyl ether	0.635	0.0877	"	0.876	ND	72.5	14-130		0.220	30	
4-Nitroaniline	0.618	0.175	"	0.876	ND	70.5	10-147		2.53	30	
4-Nitrophenol	0.851	0.175	"	0.876	ND	97.1	10-137		2.36	30	
Acenaphthene	0.677	0.0877	"	0.876	ND	77.3	10-146		3.16	30	
Acenaphthylene	0.606	0.0877	"	0.876	ND	69.1	10-134		4.75	30	
Acetophenone	0.794	0.0877	"	0.876	ND	90.6	10-116		2.87	30	
Aniline	0.526	0.351	"	0.876	ND	60.0	10-123		8.48	30	
Anthracene	0.693	0.0877	"	0.876	ND	79.0	10-142		2.56	30	
Atrazine	0.826	0.0877	"	0.876	ND	94.2	19-115		3.17	30	
Benzaldehyde	0.850	0.0877	"	0.876	ND	97.0	10-125		2.17	30	
Benzo(a)anthracene	0.728	0.0877	"	0.876	ND	83.1	10-158		5.89	30	
Benzo(a)pyrene	0.735	0.0877	"	0.876	ND	83.9	10-180		1.89	30	
Benzo(b)fluoranthene	0.664	0.0877	"	0.876	ND	75.8	10-200		12.1	30	
Benzo(g,h,i)perylene	0.693	0.0877	"	0.876	ND	79.0	10-138		5.89	30	
Benzo(k)fluoranthene	0.693	0.0877	"	0.876	ND	79.0	10-197		0.505	30	
Benzoic acid	0.198	0.0877	"	1.02	ND	19.4	10-166		19.5	30	
Benzyl alcohol	0.750	0.0877	"	0.876	ND	85.5	12-124		6.97	30	
Benzyl butyl phthalate	0.780	0.0877	"	0.876	ND	89.0	10-154		10.5	30	
Bis(2-chloroethoxy)methane	0.792	0.0877	"	0.876	ND	90.3	10-132		4.16	30	
Bis(2-chloroethyl)ether	0.660	0.0877	"	0.876	ND	75.3	10-119		2.15	30	
Bis(2-chloroisopropyl)ether	0.665	0.0877	"	0.876	ND	75.9	10-139		7.21	30	
Bis(2-ethylhexyl)phthalate	0.862	0.0877	"	0.876	0.136	82.9	10-167		14.0	30	
Caprolactam	0.902	0.175	"	0.876	ND	103	10-132		3.08	30	
Carbazole	0.560	0.0877	"	0.876	ND	63.8	10-167		5.48	30	
Chrysene	0.644	0.0877	"	0.876	ND	73.4	10-156		3.53	30	
Dibenzo(a,h)anthracene	0.687	0.0877	"	0.876	ND	78.4	10-137		7.84	30	
Dibenzofuran	0.640	0.0877	"	0.876	ND	73.0	10-147		1.10	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Matrix Spike Dup (BA81284-MSD1)	*Source sample: 18A1048-06 (SB115_31-32)								Prepared: 01/31/2018 Analyzed: 02/01/2018		
Diethyl phthalate	0.638	0.0877	mg/kg dry	0.876	ND	72.8	20-120		6.00	30	
Dimethyl phthalate	0.621	0.0877	"	0.876	ND	70.9	18-131		8.64	30	
Di-n-butyl phthalate	0.675	0.0877	"	0.876	ND	77.0	10-137		1.44	30	
Di-n-octyl phthalate	0.801	0.0877	"	0.876	ND	91.4	10-180		8.47	30	
Diphenylamine	0.818	0.175	"	0.876	ND	93.3	40-140		3.79	30	
Fluoranthene	0.712	0.0877	"	0.876	ND	81.2	10-160		3.20	30	
Fluorene	0.635	0.0877	"	0.876	ND	72.4	10-157		3.03	30	
Hexachlorobenzene	0.571	0.0877	"	0.876	ND	65.1	10-137		5.84	30	
Hexachlorobutadiene	0.570	0.0877	"	0.876	ND	65.0	10-132		8.82	30	
Hexachlorocyclopentadiene	0.187	0.0877	"	0.876	ND	21.4	10-106		2.66	30	
Hexachloroethane	0.572	0.0877	"	0.876	ND	65.3	10-110		1.58	30	
Indeno(1,2,3-cd)pyrene	0.695	0.0877	"	0.876	ND	79.3	10-144		8.87	30	
Isophorone	0.689	0.0877	"	0.876	ND	78.6	10-132		0.811	30	
Naphthalene	0.728	0.0877	"	0.876	ND	83.0	10-141		0.0964	30	
Nitrobenzene	0.623	0.0877	"	0.876	ND	71.1	10-131		2.66	30	
N-Nitrosodimethylamine	0.621	0.0877	"	0.876	ND	70.8	10-126		13.5	30	
N-nitroso-di-n-propylamine	0.766	0.0877	"	0.876	ND	87.4	10-125		0.639	30	
N-Nitrosodiphenylamine	0.900	0.0877	"	0.876	ND	103	10-177		0.156	30	
Pentachlorophenol	0.387	0.0877	"	0.876	ND	44.2	10-153		10.5	30	
Phenanthrene	0.666	0.0877	"	0.876	ND	76.0	10-148		7.20	30	
Phenol	0.677	0.0877	"	0.876	ND	77.2	10-126		2.73	30	
Pyrene	0.694	0.0877	"	0.876	ND	79.2	10-165		2.00	30	
Pyridine	0.491	0.351	"	0.876	ND	56.0	10-83		4.38	30	
Surrogate: 2-Fluorophenol	*1.91*		"	*2.68*		*71.3*	*20-108*				
Surrogate: Phenol-d5	*2.21*		"	*2.72*		*81.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.74*		"	*1.91*		*91.4*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.28*		"	*1.85*		*69.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.37*		"	*2.72*		*87.3*	*19-110*				
Surrogate: Terphenyl-d14	*1.10*		"	*1.77*		*62.2*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB80018 - EPA 3510C

Blank (BB80018-BLK1) Prepared: 02/01/2018 Analyzed: 02/02/2018

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	50.0	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80018 - EPA 3510C											
Blank (BB80018-BLK1)											Prepared: 02/01/2018 Analyzed: 02/02/2018
Surrogate: 2-Fluorophenol	*27.9*		*ug/L*	*77.2*		*36.2*	*19.7-63.1*				
Surrogate: Phenol-d5	*19.0*		*"*	*81.8*		*23.2*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*48.3*		*"*	*56.4*		*85.7*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*40.1*		*"*	*50.3*		*79.7*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*77.7*		*"*	*78.6*		*98.8*	*39.3-151*				
Surrogate: Terphenyl-d14	*34.0*		*"*	*51.8*		*65.6*	*30.7-106*				
Blank (BB80018-BLK2)											Prepared: 02/01/2018 Analyzed: 02/02/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

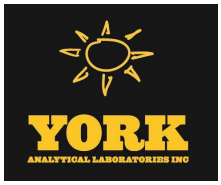
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80018 - EPA 3510C											
LCS (BB80018-BS1)								Prepared: 02/01/2018 Analyzed: 02/02/2018			
1,1-Biphenyl	17.5	5.00	ug/L	25.0		70.0	33-95				
1,2,4,5-Tetrachlorobenzene	17.1	5.00	"	25.0		68.3	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	16.5	5.00	"	25.0		66.1	16-141				
2,3,4,6-Tetrachlorophenol	15.2	5.00	"	25.0		60.7	30-130				
2,4,5-Trichlorophenol	20.1	5.00	"	25.0		80.5	32-114				
2,4,6-Trichlorophenol	16.5	5.00	"	25.0		66.0	35-118				
2,4-Dichlorophenol	18.6	5.00	"	25.0		74.2	25-116				
2,4-Dimethylphenol	17.6	5.00	"	25.0		70.4	15-116				
2,4-Dinitrophenol	18.4	5.00	"	25.0		73.5	10-170				
2,4-Dinitrotoluene	19.9	5.00	"	25.0		79.7	41-128				
2,6-Dinitrotoluene	18.3	5.00	"	25.0		73.1	45-116				
2-Chloronaphthalene	13.6	5.00	"	25.0		54.6	33-112				
2-Chlorophenol	14.3	5.00	"	25.0		57.4	15-120				
2-Methylnaphthalene	19.7	5.00	"	25.0		78.7	24-118				
2-Methylphenol	14.5	5.00	"	25.0		57.8	10-110				
2-Nitroaniline	19.4	5.00	"	25.0		77.5	34-129				
2-Nitrophenol	20.6	5.00	"	25.0		82.4	28-118				
3- & 4-Methylphenols	11.3	5.00	"	25.0		45.2	10-107				
3,3-Dichlorobenzidine	25.1	5.00	"	25.0		101	15-187				
3-Nitroaniline	16.6	5.00	"	25.0		66.6	24-134				
4,6-Dinitro-2-methylphenol	22.4	5.00	"	25.0		89.5	10-153				
4-Bromophenyl phenyl ether	20.0	5.00	"	25.0		79.9	34-120				
4-Chloro-3-methylphenol	21.0	5.00	"	25.0		84.0	20-120				
4-Chloroaniline	14.4	5.00	"	25.0		57.6	10-147				
4-Chlorophenyl phenyl ether	17.3	5.00	"	25.0		69.3	27-121				
4-Nitroaniline	20.1	5.00	"	25.0		80.4	13-134				
4-Nitrophenol	9.69	5.00	"	25.0		38.8	10-131				
Acetophenone	19.2	5.00	"	25.0		76.6	25-110				
Aniline	8.21	5.00	"	25.0		32.8	10-117				
Benzaldehyde	19.2	5.00	"	25.0		76.8	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	10.6	5.00	"	25.0		42.3	10-117				
Benzyl butyl phthalate	28.3	5.00	"	25.0		113	29-133				
Bis(2-chloroethoxy)methane	19.8	5.00	"	25.0		79.4	10-154				
Bis(2-chloroethyl)ether	17.1	5.00	"	25.0		68.6	17-125				
Bis(2-chloroisopropyl)ether	17.7	5.00	"	25.0		70.7	10-139				
Caprolactam	4.72	5.00	"	25.0		18.9	10-137				
Carbazole	17.6	5.00	"	25.0		70.2	42-126				
Dibenzofuran	17.0	5.00	"	25.0		67.8	36-113				
Diethyl phthalate	19.1	5.00	"	25.0		76.5	38-115				
Dimethyl phthalate	17.9	5.00	"	25.0		71.4	38-129				
Di-n-butyl phthalate	21.7	5.00	"	25.0		86.8	31-120				
Di-n-octyl phthalate	27.5	5.00	"	25.0		110	21-149				
Diphenylamine	23.4	5.00	"	25.0		93.4	40-140				
Hexachlorocyclopentadiene	5.40	10.0	"	25.0		21.6	10-130				
Isophorone	17.2	5.00	"	25.0		68.7	25-127				
N-nitroso-di-n-propylamine	18.4	5.00	"	25.0		73.8	26-122				
N-Nitrosodiphenylamine	23.6	5.00	"	25.0		94.2	23-149				
Phenol	5.97	5.00	"	25.0		23.9	10-110				
Pyridine	3.32	5.00	"	25.0		13.3	10-90				
Surrogate: 2-Fluorophenol	*23.6*		*"*	*77.2*		*30.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80018 - EPA 3510C											
LCS (BB80018-BS1)								Prepared: 02/01/2018 Analyzed: 02/02/2018			
Surrogate: Phenol-d5	*18.6*		*ug/L*	*81.8*		*22.8*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*41.0*		*"*	*56.4*		*72.7*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*34.5*		*"*	*50.3*		*68.5*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*66.8*		*"*	*78.6*		*85.0*	*39.3-151*				
Surrogate: Terphenyl-d14	*34.2*		*"*	*51.8*		*66.1*	*30.7-106*				
LCS (BB80018-BS2)								Prepared: 02/01/2018 Analyzed: 02/02/2018			
Acenaphthene	0.670	0.0500	ug/L	1.00		67.0	25-116				
Acenaphthylene	0.690	0.0500	"	1.00		69.0	26-116				
Anthracene	0.760	0.0500	"	1.00		76.0	25-123				
Benzo(a)anthracene	0.900	0.0500	"	1.00		90.0	33-125				
Benzo(a)pyrene	0.880	0.0500	"	1.00		88.0	32-132				
Benzo(b)fluoranthene	0.880	0.0500	"	1.00		88.0	22-137				
Benzo(g,h,i)perylene	0.810	0.0500	"	1.00		81.0	10-138				
Benzo(k)fluoranthene	0.830	0.0500	"	1.00		83.0	20-137				
Bis(2-ethylhexyl)phthalate	0.730	0.500	"	1.00		73.0	10-189				
Chrysene	0.800	0.0500	"	1.00		80.0	32-124				
Dibenzo(a,h)anthracene	0.680	0.0500	"	1.00		68.0	16-133				
Fluoranthene	0.810	0.0500	"	1.00		81.0	32-121				
Fluorene	0.750	0.0500	"	1.00		75.0	28-118				
Hexachlorobenzene	0.660	0.0200	"	1.00		66.0	23-124				
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachloroethane	0.530	0.500	"	1.00		53.0	18-115				
Indeno(1,2,3-cd)pyrene	0.730	0.0500	"	1.00		73.0	15-135				
Naphthalene	0.690	0.0500	"	1.00		69.0	18-120				
Nitrobenzene	1.18	0.250	"	1.00		118	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.640	0.250	"	1.00		64.0	10-156				
Phenanthrene	0.710	0.0500	"	1.00		71.0	24-127				
Pyrene	0.790	0.0500	"	1.00		79.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80018 - EPA 3510C											
LCS Dup (BB80018-BSD1)								Prepared: 02/01/2018 Analyzed: 02/02/2018			
1,1-Biphenyl	20.0	5.00	ug/L	25.0		80.0	33-95		13.3	20	
1,2,4,5-Tetrachlorobenzene	19.9	5.00	"	25.0		79.4	26-120		15.1	20	
1,2-Diphenylhydrazine (as Azobenzene)	21.0	5.00	"	25.0		84.2	16-141		24.1	20	Non-dir.
2,3,4,6-Tetrachlorophenol	17.8	5.00	"	25.0		71.1	30-130		15.8	20	
2,4,5-Trichlorophenol	21.1	5.00	"	25.0		84.4	32-114		4.75	20	
2,4,6-Trichlorophenol	20.3	5.00	"	25.0		81.1	35-118		20.4	20	Non-dir.
2,4-Dichlorophenol	19.4	5.00	"	25.0		77.5	25-116		4.38	20	
2,4-Dimethylphenol	18.3	5.00	"	25.0		73.2	15-116		3.90	20	
2,4-Dinitrophenol	18.2	5.00	"	25.0		72.8	10-170		0.929	20	
2,4-Dinitrotoluene	21.5	5.00	"	25.0		86.0	41-128		7.63	20	
2,6-Dinitrotoluene	20.0	5.00	"	25.0		80.1	45-116		9.09	20	
2-Chloronaphthalene	15.3	5.00	"	25.0		61.2	33-112		11.5	20	
2-Chlorophenol	16.6	5.00	"	25.0		66.2	15-120		14.4	20	
2-Methylnaphthalene	21.9	5.00	"	25.0		87.8	24-118		10.9	20	
2-Methylphenol	15.0	5.00	"	25.0		60.2	10-110		3.93	20	
2-Nitroaniline	21.0	5.00	"	25.0		83.9	34-129		7.93	20	
2-Nitrophenol	24.9	5.00	"	25.0		99.4	28-118		18.8	20	
3- & 4-Methylphenols	12.4	5.00	"	25.0		49.7	10-107		9.36	20	
3,3-Dichlorobenzidine	24.8	5.00	"	25.0		99.2	15-187		1.32	20	
3-Nitroaniline	17.7	5.00	"	25.0		70.8	24-134		6.17	20	
4,6-Dinitro-2-methylphenol	24.3	5.00	"	25.0		97.4	10-153		8.44	20	
4-Bromophenyl phenyl ether	23.2	5.00	"	25.0		92.7	34-120		14.8	20	
4-Chloro-3-methylphenol	23.0	5.00	"	25.0		92.2	20-120		9.26	20	
4-Chloroaniline	15.7	5.00	"	25.0		62.7	10-147		8.58	20	
4-Chlorophenyl phenyl ether	19.5	5.00	"	25.0		78.0	27-121		11.7	20	
4-Nitroaniline	21.1	5.00	"	25.0		84.5	13-134		5.05	20	
4-Nitrophenol	11.1	5.00	"	25.0		44.3	10-131		13.3	20	
Acetophenone	23.0	5.00	"	25.0		92.0	25-110		18.2	20	
Aniline	9.99	5.00	"	25.0		40.0	10-117		19.6	20	
Benzaldehyde	22.6	5.00	"	25.0		90.4	29-117		16.3	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	12.5	5.00	"	25.0		50.0	10-117		16.7	20	
Benzyl butyl phthalate	27.6	5.00	"	25.0		110	29-133		2.47	20	
Bis(2-chloroethoxy)methane	24.5	5.00	"	25.0		97.8	10-154		20.9	20	Non-dir.
Bis(2-chloroethyl)ether	19.8	5.00	"	25.0		79.3	17-125		14.6	20	
Bis(2-chloroisopropyl)ether	21.1	5.00	"	25.0		84.5	10-139		17.8	20	
Caprolactam	4.60	5.00	"	25.0		18.4	10-137		2.58	20	
Carbazole	19.2	5.00	"	25.0		77.0	42-126		9.18	20	
Dibenzofuran	19.0	5.00	"	25.0		75.9	36-113		11.3	20	
Diethyl phthalate	19.3	5.00	"	25.0		77.3	38-115		1.04	20	
Dimethyl phthalate	19.5	5.00	"	25.0		78.2	38-129		8.98	20	
Di-n-butyl phthalate	22.9	5.00	"	25.0		91.5	31-120		5.20	20	
Di-n-octyl phthalate	27.1	5.00	"	25.0		108	21-149		1.43	20	
Diphenylamine	27.2	5.00	"	25.0		109	40-140		15.2	20	
Hexachlorocyclopentadiene	5.66	10.0	"	25.0		22.6	10-130		4.70	20	
Isophorone	20.1	5.00	"	25.0		80.4	25-127		15.7	20	
N-nitroso-di-n-propylamine	22.4	5.00	"	25.0		89.7	26-122		19.5	20	
N-Nitrosodiphenylamine	27.9	5.00	"	25.0		112	23-149		16.8	20	
Phenol	7.01	5.00	"	25.0		28.0	10-110		16.0	20	
Pyridine	4.62	5.00	"	25.0		18.5	10-90		32.7	20	Non-dir.
Surrogate: 2-Fluorophenol	*26.2*		*"*	*77.2*		*34.0*	*19.7-63.1*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80018 - EPA 3510C											
LCS Dup (BB80018-BSD1)											
Surrogate: Phenol-d5	*20.0*		*ug/L*	*81.8*		*24.4*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*48.7*		*"*	*56.4*		*86.4*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*38.8*		*"*	*50.3*		*77.2*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*76.4*		*"*	*78.6*		*97.2*	*39.3-151*				
Surrogate: Terphenyl-d14	*28.9*		*"*	*51.8*		*55.7*	*30.7-106*				
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								

Prepared: 02/01/2018 Analyzed: 02/02/2018

Prepared & Analyzed: 02/08/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)											Prepared & Analyzed: 02/08/2018
Benzyl butyl phthalate	ND	0.0417	mg/kg wet								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.55*		*"*	*2.52*		*101*	*20-108*				
Surrogate: Phenol-d5	*2.60*		*"*	*2.55*		*102*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.24*		*"*	*1.69*		*133*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.75*		*"*	*1.83*		*95.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.28*		*"*	*2.53*		*129*	*19-110*				
Surrogate: Terphenyl-d14	*1.61*		*"*	*1.77*		*91.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)								Prepared & Analyzed: 02/08/2018			
1,1-Biphenyl	0.832	0.0417	mg/kg wet	0.833		99.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.926	0.0833	"	0.833		111	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.859	0.0417	"	0.833		103	17-137				
2,3,4,6-Tetrachlorophenol	0.813	0.0833	"	0.833		97.6	30-130				
2,4,5-Trichlorophenol	0.894	0.0417	"	0.833		107	27-118				
2,4,6-Trichlorophenol	0.929	0.0417	"	0.833		112	31-120				
2,4-Dichlorophenol	0.937	0.0417	"	0.833		112	20-127				
2,4-Dimethylphenol	0.873	0.0417	"	0.833		105	14-132				
2,4-Dinitrophenol	0.944	0.0833	"	0.833		113	10-171				
2,4-Dinitrotoluene	0.924	0.0417	"	0.833		111	34-131				
2,6-Dinitrotoluene	0.912	0.0417	"	0.833		109	31-128				
2-Chloronaphthalene	0.663	0.0417	"	0.833		79.6	31-117				
2-Chlorophenol	0.791	0.0417	"	0.833		94.9	33-113				
2-Methylnaphthalene	0.907	0.0417	"	0.833		109	12-138				
2-Methylphenol	0.866	0.0417	"	0.833		104	10-136				
2-Nitroaniline	0.887	0.0833	"	0.833		106	27-132				
2-Nitrophenol	0.929	0.0417	"	0.833		111	17-129				
3- & 4-Methylphenols	0.787	0.0417	"	0.833		94.4	29-103				
3,3-Dichlorobenzidine	0.801	0.0417	"	0.833		96.1	22-149				
3-Nitroaniline	0.639	0.0833	"	0.833		76.7	20-133				
4,6-Dinitro-2-methylphenol	1.11	0.0833	"	0.833		133	10-143				
4-Bromophenyl phenyl ether	0.929	0.0417	"	0.833		111	29-120				
4-Chloro-3-methylphenol	1.08	0.0417	"	0.833		130	24-129	High Bias			
4-Chloroaniline	0.528	0.0417	"	0.833		63.4	10-132				
4-Chlorophenyl phenyl ether	0.842	0.0417	"	0.833		101	27-124				
4-Nitroaniline	0.788	0.0833	"	0.833		94.5	16-128				
4-Nitrophenol	1.13	0.0833	"	0.833		136	10-141				
Acenaphthene	0.810	0.0417	"	0.833		97.2	30-121				
Acenaphthylene	0.751	0.0417	"	0.833		90.1	30-115				
Acetophenone	0.937	0.0417	"	0.833		112	20-112				
Aniline	0.689	0.167	"	0.833		82.6	10-119				
Anthracene	0.899	0.0417	"	0.833		108	34-118				
Atrazine	1.07	0.0417	"	0.833		128	26-112	High Bias			
Benzaldehyde	0.917	0.0417	"	0.833		110	21-100	High Bias			
Benzo(a)anthracene	0.980	0.0417	"	0.833		118	32-122				
Benzo(a)pyrene	0.979	0.0417	"	0.833		117	29-133				
Benzo(b)fluoranthene	0.904	0.0417	"	0.833		109	25-133				
Benzo(g,h,i)perylene	0.933	0.0417	"	0.833		112	10-143				
Benzo(k)fluoranthene	0.899	0.0417	"	0.833		108	25-128				
Benzoic acid	1.20	0.0417	"	0.967		124	10-140				
Benzyl alcohol	0.847	0.0417	"	0.833		102	30-115				
Benzyl butyl phthalate	1.09	0.0417	"	0.833		131	26-126	High Bias			
Bis(2-chloroethoxy)methane	0.937	0.0417	"	0.833		112	19-132				
Bis(2-chloroethyl)ether	0.842	0.0417	"	0.833		101	19-125				
Bis(2-chloroisopropyl)ether	0.831	0.0417	"	0.833		99.7	20-135				
Bis(2-ethylhexyl)phthalate	1.11	0.0417	"	0.833		133	10-155				
Caprolactam	1.14	0.0833	"	0.833		137	10-127	High Bias			
Carbazole	0.765	0.0417	"	0.833		91.8	35-123				
Chrysene	0.860	0.0417	"	0.833		103	32-123				
Dibenzo(a,h)anthracene	0.973	0.0417	"	0.833		117	10-136				
Dibenzofuran	0.818	0.0417	"	0.833		98.1	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)							Prepared & Analyzed: 02/08/2018				
Diethyl phthalate	0.826	0.0417	mg/kg wet	0.833		99.2	34-116				
Dimethyl phthalate	0.822	0.0417	"	0.833		98.7	35-124				
Di-n-butyl phthalate	0.890	0.0417	"	0.833		107	31-116				
Di-n-octyl phthalate	1.07	0.0417	"	0.833		128	26-136				
Diphenylamine	1.08	0.0833	"	0.833		130	40-140				
Fluoranthene	0.919	0.0417	"	0.833		110	33-122				
Fluorene	0.807	0.0417	"	0.833		96.9	29-123				
Hexachlorobenzene	0.775	0.0417	"	0.833		93.0	21-124				
Hexachlorobutadiene	0.730	0.0417	"	0.833		87.6	10-149				
Hexachlorocyclopentadiene	0.366	0.0417	"	0.833		43.9	10-129				
Hexachloroethane	0.676	0.0417	"	0.833		81.1	28-108				
Indeno(1,2,3-cd)pyrene	0.948	0.0417	"	0.833		114	10-135				
Isophorone	0.805	0.0417	"	0.833		96.6	20-132				
Naphthalene	0.826	0.0417	"	0.833		99.1	23-124				
Nitrobenzene	0.780	0.0417	"	0.833		93.6	13-132				
N-Nitrosodimethylamine	0.745	0.0417	"	0.833		89.4	11-129				
N-nitroso-di-n-propylamine	0.927	0.0417	"	0.833		111	24-119				
N-Nitrosodiphenylamine	1.13	0.0417	"	0.833		135	22-152				
Pentachlorophenol	0.717	0.0417	"	0.833		86.1	10-139				
Phenanthrene	0.922	0.0417	"	0.833		111	33-123				
Phenol	0.791	0.0417	"	0.833		94.9	23-115				
Pyrene	0.969	0.0417	"	0.833		116	32-130				
Pyridine	0.529	0.167	"	0.833		63.4	10-91				
Surrogate: 2-Fluorophenol	*2.33*		"	*2.52*		*92.7*	*20-108*				
Surrogate: Phenol-d5	*2.46*		"	*2.55*		*96.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.89*		"	*1.69*		*112*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.44*		"	*1.83*		*79.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.92*		"	*2.53*		*115*	*19-110*				
Surrogate: Terphenyl-d14	*1.42*		"	*1.77*		*80.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81284 - EPA 3550C											
Blank (BA81284-BLK1)									Prepared: 01/31/2018 Analyzed: 02/01/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BB80018 - EPA 3510C											
Blank (BB80018-BLK1)									Prepared: 02/01/2018 Analyzed: 02/02/2018		
Tentatively Identified Compounds	0.00		ug/L								
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)									Prepared & Analyzed: 02/08/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81242 - EPA SW846-3510C Low Level											
Blank (BA81242-BLK1)								Prepared & Analyzed: 01/31/2018			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.201*		*"*	*0.209*		*95.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.158*		*"*	*0.202*		*78.1*	*30-150*				
LCS (BA81242-BS1)								Prepared & Analyzed: 01/31/2018			
4,4'-DDD	0.100	0.00400	ug/L	0.100		100	40-140				
4,4'-DDE	0.0917	0.00400	"	0.100		91.7	40-140				
4,4'-DDT	0.0941	0.00400	"	0.100		94.1	40-140				
Aldrin	0.0702	0.00400	"	0.100		70.2	40-140				
alpha-BHC	0.0707	0.00400	"	0.100		70.7	40-140				
alpha-Chlordane	0.0743	0.00400	"	0.100		74.3	40-140				
beta-BHC	0.0838	0.00400	"	0.100		83.8	40-140				
delta-BHC	0.0409	0.00400	"	0.100		40.9	40-140				
Dieldrin	0.0832	0.00200	"	0.100		83.2	40-140				
Endosulfan I	0.0822	0.00400	"	0.100		82.2	40-140				
Endosulfan II	0.0898	0.00400	"	0.100		89.8	40-140				
Endosulfan sulfate	0.0869	0.00400	"	0.100		86.9	40-140				
Endrin	0.0859	0.00400	"	0.100		85.9	40-140				
Endrin aldehyde	0.101	0.0100	"	0.100		101	40-140				
Endrin ketone	0.105	0.0100	"	0.100		105	40-140				
gamma-BHC (Lindane)	0.0708	0.00400	"	0.100		70.8	40-140				
gamma-Chlordane	0.0718	0.0100	"	0.100		71.8	40-140				
Heptachlor	0.0706	0.00400	"	0.100		70.6	40-140				
Heptachlor epoxide	0.0752	0.00400	"	0.100		75.2	40-140				
Methoxychlor	0.0978	0.00400	"	0.100		97.8	40-140				
Surrogate: Decachlorobiphenyl	*0.194*		*"*	*0.209*		*92.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.149*		*"*	*0.202*		*73.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81242 - EPA SW846-3510C Low Level											
LCS Dup (BA81242-BSD1)								Prepared & Analyzed: 01/31/2018			
4,4'-DDD	0.0995	0.00400	ug/L	0.100		99.5	40-140		0.644	20	
4,4'-DDE	0.0929	0.00400	"	0.100		92.9	40-140		1.27	20	
4,4'-DDT	0.0935	0.00400	"	0.100		93.5	40-140		0.657	20	
Aldrin	0.0722	0.00400	"	0.100		72.2	40-140		2.77	20	
alpha-BHC	0.0724	0.00400	"	0.100		72.4	40-140		2.34	20	
alpha-Chlordane	0.0763	0.00400	"	0.100		76.3	40-140		2.64	20	
beta-BHC	0.0846	0.00400	"	0.100		84.6	40-140		0.889	20	
delta-BHC	0.0414	0.00400	"	0.100		41.4	40-140		1.35	20	
Dieldrin	0.0843	0.00200	"	0.100		84.3	40-140		1.28	20	
Endosulfan I	0.0841	0.00400	"	0.100		84.1	40-140		2.36	20	
Endosulfan II	0.0905	0.00400	"	0.100		90.5	40-140		0.766	20	
Endosulfan sulfate	0.0856	0.00400	"	0.100		85.6	40-140		1.55	20	
Endrin	0.0871	0.00400	"	0.100		87.1	40-140		1.43	20	
Endrin aldehyde	0.0968	0.0100	"	0.100		96.8	40-140		4.26	20	
Endrin ketone	0.0993	0.0100	"	0.100		99.3	40-140		5.91	20	
gamma-BHC (Lindane)	0.0724	0.00400	"	0.100		72.4	40-140		2.24	20	
gamma-Chlordane	0.0741	0.0100	"	0.100		74.1	40-140		3.09	20	
Heptachlor	0.0722	0.00400	"	0.100		72.2	40-140		2.34	20	
Heptachlor epoxide	0.0774	0.00400	"	0.100		77.4	40-140		2.89	20	
Methoxychlor	0.0938	0.00400	"	0.100		93.8	40-140		4.14	20	
Surrogate: Decachlorobiphenyl	*0.171*		"	*0.209*		*81.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.148*		"	*0.202*		*73.3*	*30-150*				
Batch BB80005 - EPA 3550C											
Blank (BB80005-BLK1)								Prepared & Analyzed: 02/01/2018			
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0548*		"	*0.0667*		*82.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0442*		"	*0.0667*		*66.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80005 - EPA 3550C											
LCS (BB80005-BS1)								Prepared & Analyzed: 02/01/2018			
4,4'-DDD	0.0357	0.000330	mg/kg wet	0.0333		107	40-140				
4,4'-DDE	0.0304	0.000330	"	0.0333		91.4	40-140				
4,4'-DDT	0.0317	0.000330	"	0.0333		95.1	40-140				
Aldrin	0.0351	0.000330	"	0.0333		105	40-140				
alpha-BHC	0.0357	0.000330	"	0.0333		107	40-140				
alpha-Chlordane	0.0335	0.000330	"	0.0333		101	40-140				
beta-BHC	0.0350	0.000330	"	0.0333		105	40-140				
delta-BHC	0.0381	0.000330	"	0.0333		114	40-140				
Dieldrin	0.0362	0.000330	"	0.0333		109	40-140				
Endosulfan I	0.0416	0.000330	"	0.0333		125	40-140				
Endosulfan II	0.0372	0.000330	"	0.0333		112	40-140				
Endosulfan sulfate	0.0360	0.000330	"	0.0333		108	40-140				
Endrin	0.0332	0.000330	"	0.0333		99.7	40-140				
Endrin aldehyde	0.0351	0.000330	"	0.0333		105	40-140				
Endrin ketone	0.0382	0.000330	"	0.0333		114	40-140				
gamma-BHC (Lindane)	0.0342	0.000330	"	0.0333		103	40-140				
gamma-Chlordane	0.0335	0.000330	"	0.0333		101	40-140				
Heptachlor	0.0313	0.000330	"	0.0333		93.8	40-140				
Heptachlor epoxide	0.0327	0.000330	"	0.0333		98.2	40-140				
Methoxychlor	0.0270	0.00165	"	0.0333		81.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0617*		*"*	*0.0667*		*92.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0570*		*"*	*0.0667*		*85.5*	*30-150*				
Batch BB80300 - EPA 3550C											
Blank (BB80300-BLK1)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0680*		*"*	*0.0697*		*97.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0605*		*"*	*0.0673*		*89.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80300 - EPA 3550C											
LCS (BB80300-BS1)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.0358	0.000330	mg/kg wet	0.0333		107	40-140				
4,4'-DDE	0.0307	0.000330	"	0.0333		92.2	40-140				
4,4'-DDT	0.0326	0.000330	"	0.0333		97.9	40-140				
Aldrin	0.0364	0.000330	"	0.0333		109	40-140				
alpha-BHC	0.0382	0.000330	"	0.0333		114	40-140				
alpha-Chlordane	0.0334	0.000330	"	0.0333		100	40-140				
beta-BHC	0.0372	0.000330	"	0.0333		112	40-140				
delta-BHC	0.0396	0.000330	"	0.0333		119	40-140				
Dieldrin	0.0364	0.000330	"	0.0333		109	40-140				
Endosulfan I	0.0419	0.000330	"	0.0333		126	40-140				
Endosulfan II	0.0374	0.000330	"	0.0333		112	40-140				
Endosulfan sulfate	0.0365	0.000330	"	0.0333		109	40-140				
Endrin	0.0340	0.000330	"	0.0333		102	40-140				
Endrin aldehyde	0.0340	0.000330	"	0.0333		102	40-140				
Endrin ketone	0.0390	0.000330	"	0.0333		117	40-140				
gamma-BHC (Lindane)	0.0363	0.000330	"	0.0333		109	40-140				
gamma-Chlordane	0.0338	0.000330	"	0.0333		101	40-140				
Heptachlor	0.0328	0.000330	"	0.0333		98.4	40-140				
Heptachlor epoxide	0.0337	0.000330	"	0.0333		101	40-140				
Methoxychlor	0.0277	0.00165	"	0.0333		83.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0599*		*"*	*0.0697*		*86.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0673*		*93.8*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B0101 - BL70213											
Performance Mix (Y8B0101-PEM1)								Prepared & Analyzed: 01/31/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.720		"	0.00			0-200				
4,4'-DDT	187		"	200		93.5	0-200				
Endrin	135		"	100		135	0-200				
Endrin aldehyde	3.87		"	0.00			0-200				
Endrin ketone	8.56		"	0.00			0-200				
Batch Y8B0202 - BL70213											
Performance Mix (Y8B0202-PEM1)								Prepared & Analyzed: 02/01/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.593		"	0.00			0-200				
4,4'-DDT	147		"	200		73.5	0-200				
Endrin	119		"	100		119	0-200				
Endrin aldehyde	2.47		"	0.00			0-200				
Endrin ketone	7.25		"	0.00			0-200				
Performance Mix (Y8B0202-PEM2)								Prepared & Analyzed: 02/01/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.664		"	0.00			0-200				
4,4'-DDT	136		"	200		68.2	0-200				
Endrin	116		"	100		116	0-200				
Endrin aldehyde	1.70		"	0.00			0-200				
Endrin ketone	9.89		"	0.00			0-200				
Batch Y8B0908 - BL70213											
Performance Mix (Y8B0908-PEM1)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.707		"	0.00			0-200				
4,4'-DDT	160		"	200		79.8	0-200				
Endrin	133		"	100		133	0-200				
Endrin aldehyde	1.31		"	0.00			0-200				
Endrin ketone	9.71		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B0908 - BL70213											
Performance Mix (Y8B0908-PEM2)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.786		"	0.00			0-200				
4,4'-DDT	224		"	200		112	0-200				
Endrin	164		"	100		164	0-200				
Endrin aldehyde	1.81		"	0.00			0-200				
Endrin ketone	10.8		"	0.00			0-200				
Batch Y8B1203 - BL70213											
Performance Mix (Y8B1203-PEM1)								Prepared & Analyzed: 02/09/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.533		"	0.00			0-200				
4,4'-DDT	135		"	200		67.4	0-200				
Endrin	112		"	100		112	0-200				
Endrin aldehyde	1.32		"	0.00			0-200				
Endrin ketone	8.25		"	0.00			0-200				
Batch Y8B1401 - BL70213											
Performance Mix (Y8B1401-PEM1)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.913		"	0.00			0-200				
4,4'-DDT	169		"	200		84.6	0-200				
Endrin	109		"	100		109	0-200				
Endrin aldehyde	0.577		"	0.00			0-200				
Endrin ketone	2.01		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B1401 - BL70213											
Performance Mix (Y8B1401-PEM2)											Prepared & Analyzed: 02/13/2018
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.517		"	0.00			0-200				
4,4'-DDT	242		"	200		121	0-200				
Endrin	142		"	100		142	0-200				
Endrin aldehyde	0.578		"	0.00			0-200				
Endrin ketone	2.95		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81242 - EPA SW846-3510C Low Level											
Blank (BA81242-BLK2)								Prepared & Analyzed: 01/31/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.147*		*"*	*0.202*		*72.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.155*		*"*	*0.209*		*74.2*	*30-120*				
LCS (BA81242-BS2)								Prepared & Analyzed: 01/31/2018			
Aroclor 1016	0.956	0.0500	ug/L	1.00		95.6	40-120				
Aroclor 1260	1.04	0.0500	"	1.00		104	40-120				
Surrogate: Tetrachloro-m-xylene	*0.121*		*"*	*0.202*		*59.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.189*		*"*	*0.209*		*90.4*	*30-120*				
LCS Dup (BA81242-BSD2)								Prepared & Analyzed: 01/31/2018			
Aroclor 1016	1.04	0.0500	ug/L	1.00		104	40-120		8.82	30	
Aroclor 1260	1.11	0.0500	"	1.00		111	40-120		6.61	30	
Surrogate: Tetrachloro-m-xylene	*0.135*		*"*	*0.202*		*66.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.206*		*"*	*0.209*		*98.6*	*30-120*				
Batch BB80005 - EPA 3550C											
Blank (BB80005-BLK2)								Prepared & Analyzed: 02/01/2018			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0573*		*"*	*0.0667*		*86.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0667*		*74.0*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80005 - EPA 3550C											
LCS (BB80005-BS2)									Prepared & Analyzed: 02/01/2018		
Aroclor 1016	0.382	0.0167	mg/kg wet	0.333		115	40-130				
Aroclor 1260	0.383	0.0167	"	0.333		115	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0687*		*"*	*0.0667*		*103*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0617*		*"*	*0.0667*		*92.5*	*30-140*				
Batch BB80300 - EPA 3550C											
Blank (BB80300-BLK2)									Prepared & Analyzed: 02/08/2018		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0700*		*"*	*0.0673*		*104*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0543*		*"*	*0.0697*		*78.0*	*30-140*				
LCS (BB80300-BS2)									Prepared & Analyzed: 02/08/2018		
Aroclor 1016	0.303	0.0167	mg/kg wet	0.333		90.9	40-130				
Aroclor 1260	0.313	0.0167	"	0.333		93.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0513*		*"*	*0.0673*		*76.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0697*		*70.8*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80063 - EPA 3535A											
Blank (BB80063-BLK1)									Prepared & Analyzed: 02/02/2018		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*170*		*"*	*125*		*136*	*30-150*				
LCS (BB80063-BS1)									Prepared & Analyzed: 02/02/2018		
2,4,5-T	24.8	5.00	ug/L	40.0		61.9	40-140				
2,4,5-TP (Silvex)	26.8	5.00	"	40.0		66.9	40-140				
2,4-D	23.5	5.00	"	40.0		58.8	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*103*		*"*	*125*		*82.2*	*30-150*				
LCS Dup (BB80063-BSD1)									Prepared & Analyzed: 02/02/2018		
2,4,5-T	24.5	5.00	ug/L	40.0		61.2	40-140		1.02	30	
2,4,5-TP (Silvex)	26.0	5.00	"	40.0		65.0	40-140		2.84	30	
2,4-D	22.5	5.00	"	40.0		56.2	40-140		4.35	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*98.0*		*"*	*125*		*78.4*	*30-150*				
Batch BB80064 - EPA 3550B/8151A											
Blank (BB80064-BLK1)									Prepared & Analyzed: 02/02/2018		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.554*		*"*	*0.500*		*111*	*30-150*				
LCS (BB80064-BS1)									Prepared & Analyzed: 02/02/2018		
2,4,5-T	0.135	0.0200	mg/kg wet	0.160		84.4	40-140				
2,4,5-TP (Silvex)	0.141	0.0200	"	0.160		88.1	40-140				
2,4-D	0.126	0.0200	"	0.160		78.8	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.526*		*"*	*0.500*		*105*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80354 - EPA 3550B/8151A											
Blank (BB80354-BLK1)											Prepared & Analyzed: 02/09/2018
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.547*		*"*	*0.500*		*109*	*30-150*				
LCS (BB80354-BS1)											Prepared & Analyzed: 02/09/2018
2,4,5-T	0.157	0.0200	mg/kg wet	0.160		98.1	40-140				
2,4,5-TP (Silvex)	0.160	0.0200	"	0.160		100	40-140				
2,4-D	0.149	0.0200	"	0.160		93.1	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.570*		*"*	*0.500*		*114*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81260 - EPA 3050B											
Blank (BA81260-BLK1)											Prepared: 01/31/2018 Analyzed: 02/01/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	2.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	50.0	"								
Lead	ND	2.00	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	10.7	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BA81260-SRM1)											Prepared: 01/31/2018 Analyzed: 02/01/2018
Aluminum	7300	5.00	mg/kg wet	8090		90.3	49.8-149.6				
Antimony	96.3	0.500	"	99.3		97.0	0.5-207.5				
Arsenic	106	2.00	"	100		106	80.9-120				
Barium	232	1.00	"	217		107	81.6-118.4				
Beryllium	154	0.100	"	147		105	81.6-119.1				
Cadmium	86.8	0.300	"	83.7		104	81.2-118.9				
Calcium	6290	5.00	"	6010		105	80.9-119				
Chromium	108	0.500	"	107		101	77.5-121.5				
Cobalt	131	0.500	"	123		107	82.1-117.9				
Copper	182	0.500	"	166		110	80.7-118.7				
Iron	11900	50.0	"	14600		81.3	45.1-154.8				
Lead	94.2	2.00	"	88.4		107	81.2-118.8				
Magnesium	2980	5.00	"	2930		102	74.7-125.3				
Manganese	327	0.500	"	311		105	80.1-119.9				
Nickel	55.9	0.500	"	49.8		112	80.9-118.9				
Potassium	2460	5.00	"	2620		93.8	69.1-130.9				
Selenium	95.8	1.00	"	87.7		109	76.1-124.3				
Silver	41.4	0.500	"	41.4		100	73.7-126.1				
Sodium	226	10.0	"	252		89.8	69.1-131.4				
Thallium	59.2	1.00	"	58.1		102	77.6-122.6				
Vanadium	142	1.00	"	140		102	76.4-122.9				
Zinc	148	1.50	"	145		102	82.1-117.9				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80081 - EPA 3015A											
Blank (BB80081-BLK1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.00556	"								
Iron	ND	0.0222	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Duplicate (BB80081-DUP1)	*Source sample: 18A1048-08 (EBFB03_013018)										Prepared & Analyzed: 02/02/2018
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	ND	0.0111	"		ND					20	
Calcium	0.0718	0.0556	"		0.0594				18.9	20	
Chromium	ND	0.00556	"		ND					20	
Copper	ND	0.00556	"		ND					20	
Iron	ND	0.0222	"		0.0333					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	ND	0.0556	"		ND					20	
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.00556	"		0.00567					20	
Potassium	ND	0.0556	"		ND					20	
Silver	ND	0.00556	"		ND					20	
Sodium	0.174	0.111	"		0.134				26.3	20	Non-dir.
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0208	0.0167	"		0.0209				0.693	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80081 - EPA 3015A											
Matrix Spike (BB80081-MS1)	*Source sample: 18A1048-08 (EBFB03_013018)							Prepared & Analyzed: 02/02/2018			
Barium	2.30	0.0111	mg/L	2.22	ND	103	75-125				
Chromium	0.218	0.00556	"	0.222	ND	98.2	75-125				
Copper	0.279	0.00556	"	0.278	ND	100	75-125				
Iron	1.11	0.0222	"	1.11	0.0333	96.5	75-125				
Lead	0.563	0.00556	"	0.556	ND	101	75-125				
Manganese	0.574	0.00556	"	0.556	ND	103	75-125				
Nickel	0.551	0.00556	"	0.556	0.00567	98.2	75-125				
Silver	0.0471	0.00556	"	0.0556	ND	84.8	75-125				
Vanadium	0.549	0.0111	"	0.556	ND	98.7	75-125				
Zinc	0.563	0.0167	"	0.556	0.0209	97.5	75-125				
Reference (BB80081-SRM1)								Prepared & Analyzed: 02/02/2018			
Aluminum	0.850		ug/mL	0.720		118	81.4-117.2	High Bias			
Barium	0.498		"	0.500		99.6	85-115				
Calcium	31.6		"	33.0		95.7	86.5-114.3				
Chromium	0.839		"	0.860		97.6	85-115				
Copper	0.312		"	0.320		97.5	85-115				
Iron	1.39		"	1.40		99.0	84.9-115				
Lead	0.625		"	0.640		97.6	85-115				
Magnesium	76.1		"	80.1		94.9	86.3-114.8				
Manganese	1.06		"	1.02		104	84.9-115				
Nickel	1.71		"	1.78		96.2	87-113.7				
Potassium	9.41		"	10.3		91.3	84.9-115				
Silver	0.565		"	0.600		94.2	85-115				
Sodium	20.2		"	22.7		88.8	85-115				
Vanadium	1.62		"	1.66		97.8	85-114.9				
Zinc	1.49		"	1.62		92.3	84.9-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80306 - EPA 3050B											
Blank (BB80306-BLK1)									Prepared: 02/08/2018 Analyzed: 02/13/2018		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.00	"								
Arsenic	ND	2.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	50.0	"								
Lead	ND	2.00	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	30.0	"								
Selenium	ND	2.00	"								
Silver	ND	0.500	"								
Sodium	1050	15.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Duplicate (BB80306-DUP1)	*Source sample: 18A1048-02 (SB115_7-8)								Prepared: 02/08/2018 Analyzed: 02/13/2018		
Aluminum	11400	5.59	mg/kg dry		12200				6.42	35	
Antimony	ND	2.24	"		ND					35	
Arsenic	4.25	2.24	"		5.08				17.7	35	
Barium	66.5	1.12	"		68.4				2.77	35	
Beryllium	ND	0.112	"		ND					35	
Cadmium	0.626	0.335	"		0.732				15.6	35	
Calcium	718	5.59	"		757				5.31	35	
Chromium	19.7	0.559	"		24.7				22.8	35	
Cobalt	7.86	0.559	"		7.97				1.34	35	
Copper	9.43	0.559	"		9.78				3.72	35	
Iron	20500	55.9	"		22100				7.77	35	
Lead	11.8	2.24	"		13.2				10.8	35	
Magnesium	2230	5.59	"		2420				8.14	35	
Manganese	318	0.559	"		303				4.92	35	
Nickel	22.2	0.559	"		23.5				5.36	35	
Potassium	692	33.5	"		744				7.18	35	
Selenium	3.78	2.24	"		ND				54.6	35	Non-dir.
Silver	ND	0.559	"		ND					35	
Sodium	324	16.8	"		317				2.16	35	
Thallium	ND	1.12	"		ND					35	
Vanadium	25.3	1.12	"		28.0				10.1	35	
Zinc	28.6	1.68	"		29.4				3.03	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80306 - EPA 3050B											
Matrix Spike (BB80306-MS1)	*Source sample: 18A1048-02 (SB115_7-8)							Prepared: 02/08/2018 Analyzed: 02/13/2018			
Aluminum	11900	5.59	mg/kg dry	224	12200	NR	75-125	Low Bias			
Antimony	8.70	2.24	"	27.9	ND	31.1	75-125	Low Bias			
Arsenic	228	2.24	"	224	5.08	99.7	75-125				
Barium	303	1.12	"	224	68.4	105	75-125				
Beryllium	4.93	0.112	"	5.59	ND	88.2	75-125				
Cadmium	6.81	0.335	"	5.59	0.732	109	75-125				
Chromium	44.1	0.559	"	22.4	24.7	86.6	75-125				
Cobalt	69.4	0.559	"	55.9	7.97	110	75-125				
Copper	44.5	0.559	"	27.9	9.78	124	75-125				
Iron	20400	55.9	"	112	22100	NR	75-125	Low Bias			
Lead	74.2	2.24	"	55.9	13.2	109	75-125				
Magnesium	2210	5.59	"		2420		75-125				
Manganese	369	0.559	"	55.9	303	118	75-125				
Nickel	84.2	0.559	"	55.9	23.5	109	75-125				
Potassium	686	33.5	"		744		75-125				
Selenium	234	2.24	"	224	ND	105	75-125				
Silver	3.40	0.559	"	5.59	ND	60.8	75-125	Low Bias			
Sodium	ND	16.8	"		317		75-125				
Thallium	231	1.12	"	224	ND	103	75-125				
Vanadium	80.5	1.12	"	55.9	28.0	93.9	75-125				
Zinc	89.6	1.68	"	55.9	29.4	108	75-125				
Reference (BB80306-SRM1)								Prepared: 02/08/2018 Analyzed: 02/13/2018			
Aluminum	7000	5.00	mg/kg wet	8090		86.5	49.8-149.6				
Antimony	77.6	2.00	"	99.3		78.2	0.5-207.5				
Arsenic	112	2.00	"	100		112	80.9-120				
Barium	230	1.00	"	217		106	81.6-118.4				
Beryllium	152	0.100	"	147		103	81.6-119.1				
Cadmium	91.9	0.300	"	83.7		110	81.2-118.9				
Calcium	6370	5.00	"	6010		106	80.9-119				
Chromium	111	0.500	"	107		104	77.5-121.5				
Cobalt	138	0.500	"	123		112	82.1-117.9				
Copper	194	0.500	"	166		117	80.7-118.7				
Iron	11700	50.0	"	14600		80.1	45.1-154.8				
Lead	103	2.00	"	88.4		117	81.2-118.8				
Magnesium	3190	5.00	"	2930		109	74.7-125.3				
Manganese	325	0.500	"	311		105	80.1-119.9				
Nickel	62.2	0.500	"	49.8		125	80.9-118.9	High Bias			
Potassium	2980	30.0	"	2620		114	69.1-130.9				
Selenium	102	2.00	"	87.7		116	76.1-124.3				
Silver	42.0	0.500	"	41.4		101	73.7-126.1				
Sodium	503	15.0	"	252		199	69.1-131.4	High Bias			
Thallium	59.9	1.00	"	58.1		103	77.6-122.6				
Vanadium	138	1.00	"	140		98.5	76.4-122.9				
Zinc	152	1.50	"	145		105	82.1-117.9				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80080 - EPA 3015A											
Blank (BB80080-BLK1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB80080-BS1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Antimony	41.5		ug/L	50.0		83.1	80-120				
Arsenic	37.9		"	50.0		75.8	80-120	Low Bias			
Beryllium	43.8		"	50.0		87.6	80-120				
Cadmium	36.8		"	50.0		73.7	80-120	Low Bias			
Selenium	32.5		"	50.0		65.1	80-120	Low Bias			
Thallium	39.4		"	50.0		78.7	80-120	Low Bias			
Duplicate (BB80080-DUP1)	*Source sample: 18A1048-08 (EBFB03_013018)										Prepared: 02/02/2018 Analyzed: 02/05/2018
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	ND	0.00111	"		ND					20	
Beryllium	ND	0.00111	"		ND					20	
Cadmium	ND	0.00111	"		ND					20	
Selenium	ND	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB80080-MS1)	*Source sample: 18A1048-08 (EBFB03_013018)										Prepared: 02/02/2018 Analyzed: 02/05/2018
Antimony	40.4		ug/L	50.0	-0.035	80.9	75-125				
Arsenic	36.9		"	50.0	0.100	73.7	75-125	Low Bias			
Beryllium	43.7		"	50.0	-0.0002	87.5	75-125				
Cadmium	37.0		"	50.0	-0.005	74.0	75-125	Low Bias			
Selenium	32.0		"	50.0	-0.414	63.9	75-125	Low Bias			
Thallium	38.6		"	50.0	-0.015	77.2	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81259 - EPA 7473 soil											
Blank (BA81259-BLK1)								Prepared & Analyzed: 01/31/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA81259-SRM1)								Prepared & Analyzed: 01/31/2018			
Mercury	15.175		mg/kg	13.8		110	57.1-143.5				
Batch BB80304 - EPA 7473 soil											
Blank (BB80304-BLK1)								Prepared & Analyzed: 02/08/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB80304-DUP1)	*Source sample: 18A1048-02 (SB115_7-8)							Prepared & Analyzed: 02/08/2018			
Mercury	ND	0.0335	mg/kg dry		ND					35	
Matrix Spike (BB80304-MS1)	*Source sample: 18A1048-02 (SB115_7-8)							Prepared & Analyzed: 02/08/2018			
Mercury	0.492		mg/kg	0.500	0.0210	94.3	75-125				
Reference (BB80304-SRM1)								Prepared & Analyzed: 02/08/2018			
Mercury	13.241		mg/kg	13.8		95.9	57.1-143.5				
Batch BB80862 - EPA 7473 water											
Blank (BB80862-BLK1)								Prepared & Analyzed: 02/20/2018			
Mercury	ND	0.00020	mg/L								
Reference (BB80862-SRM1)								Prepared & Analyzed: 02/20/2018			
Mercury	0.00579		mg/L	0.00740		78.3	70-130				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80337 - % Solids Prep											
Duplicate (BB80337-DUP1)	*Source sample: 18A1048-02 (SB115_7-8)								Prepared & Analyzed: 02/08/2018		
% Solids	89.6	0.100	%		89.5				0.157	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA81246 - EPA SW846-3060											
Blank (BA81246-BLK1)									Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA81246-SRM1)									Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	103		mg/L	207		49.9	40.5-101.9				
Batch BA81255 - Analysis Preparation											
Blank (BA81255-BLK1)									Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA81255-BS1)									Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	0.490	0.0100	mg/L	0.500		98.0	80-120				
Duplicate (BA81255-DUP1)	*Source sample: 18A1048-08 (EBFB03_013018)								Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA81255-MS1)	*Source sample: 18A1048-08 (EBFB03_013018)								Prepared & Analyzed: 01/31/2018		
Chromium, Hexavalent	0.528	0.0100	mg/L	0.500	ND	106	75-125				
Batch BA81256 - Analysis Preparation Soil											
Blank (BA81256-BLK1)									Prepared & Analyzed: 01/31/2018		
Cyanide, total	ND	0.500	mg/kg wet								
LCS (BA81256-BS1)									Prepared & Analyzed: 01/31/2018		
Cyanide, total	47.2		ug/mL	62.8		75.2	72.9-112				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80083 - Analysis Preparation											
Blank (BB80083-BLK1)								Prepared & Analyzed: 02/02/2018			
Cyanide, total	ND	0.0100	mg/L								
LCS (BB80083-BS1)								Prepared & Analyzed: 02/02/2018			
Cyanide, total	0.170	0.0100	mg/L	0.200		85.0	76.2-107				
Batch BB80302 - Analysis Preparation Soil											
Blank (BB80302-BLK1)								Prepared & Analyzed: 02/08/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BB80302-SRM1)								Prepared & Analyzed: 02/08/2018			
Cyanide, total	43.1		ug/mL	62.8		68.6	6.37-86				
Batch BB80303 - EPA SW846-3060											
Blank (BB80303-BLK1)								Prepared & Analyzed: 02/08/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BB80303-SRM1)								Prepared & Analyzed: 02/08/2018			
Chromium, Hexavalent	93.6		mg/L	207		45.2	40.5-101.9				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A1048-01	SB115_0-2	40mL Vial with Stir Bar-Cool 4° C
18A1048-02	SB115_7-8	40mL Vial with Stir Bar-Cool 4° C
18A1048-03	SB115_15-16	40mL Vial with Stir Bar-Cool 4° C
18A1048-04	SB115_22-24	40mL Vial with Stir Bar-Cool 4° C
18A1048-06	SB115_31-32	40mL Vial with Stir Bar-Cool 4° C
18A1048-08	EBFB03_013018	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include Hg on the FB sample.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A1018

YOUR Information

Company: LANGAN ENGINEERING
Address: 360 W 31ST ST 8FL
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)
Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB115_0-2	01/30/18 0835	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB115_7-8	01/30/18 0845	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4 40mL, 2 8oz
SB115_15-16	01/30/18 0855	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB115_22-24	01/30/18 1100	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB115_26-28	01/30/18 1110	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4 40mL, 2 8oz
SB115_31-32	01/30/18 1125	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB115_34-35	01/30/18 1200	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4 40mL, 2 8oz
EBFB03_013018	01/30/18 1400	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	6 1000mL, 3 40mL, 3 250mL

Comments

Preservation (Check those Applicable): 4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	01/30/18 1500 Date/Time	Samples Received By	1/30/18 1500 Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	1/30/18 1827 Date/Time

Temperature on Receipt 4.0 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/07/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A1092

Report Date: 02/07/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A1092

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 31, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A1092-01	EBTB03_013118	Water	01/31/2018	01/31/2018
18A1092-02	SB116_0-1	Soil	01/31/2018	01/31/2018
18A1092-04	SB116_15-17	Soil	01/31/2018	01/31/2018

General Notes for York Project (SDG) No.: 18A1092

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

Approved By:

Date: 02/07/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EBTB03_013118 **York Sample ID:** 18A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Water	January 31, 2018 2:00 pm	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB03_013118 **York Sample ID:** 18A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Water	January 31, 2018 2:00 pm	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB03_013118 **York Sample ID:** 18A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Water	January 31, 2018 2:00 pm	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB03_013118 **York Sample ID:** 18A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Water	January 31, 2018 2:00 pm	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
							Certifications:			

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.7 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	**Hexane**	**7.5**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	Diphenylamine	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*78.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*87.7 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*97.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.9 %*	*21-113*

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*94.2 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*60.5 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/01/2018 13:46	02/02/2018 19:03	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/02/2018 13:18	02/05/2018 12:34	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH	02/02/2018 13:18	02/05/2018 12:34	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00939	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0950	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-140*

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.5 %*			*30-140*					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:37	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:37	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:37	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*57.2 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9960**		mg/kg dry	5.71	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.60**		mg/kg dry	1.14	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**48.3**		mg/kg dry	1.14	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**851**	B	mg/kg dry	5.71	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.4**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.63**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**13.8**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15000**		mg/kg dry	2.28	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**27.6**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1910**		mg/kg dry	5.71	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**363**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**25.2**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**755**		mg/kg dry	5.71	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.14	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**179**	B	mg/kg dry	11.4	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.0**		mg/kg dry	1.14	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**32.5**		mg/kg dry	1.71	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0417**		mg/kg dry	0.0342	1	EPA 7473	02/01/2018 09:19	02/01/2018 13:15	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.6**		%	0.100	1	SM 2540G	02/05/2018 13:09	02/05/2018 16:44	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

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

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.571	1	EPA 7196A	02/01/2018 08:01	02/01/2018 14:03	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.4**		mg/kg	0.500	1	Calculation	02/07/2018 15:09	02/07/2018 15:11	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.571	1	EPA 9014/9010C	02/01/2018 09:35	02/01/2018 16:34	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB116_15-17** **York Sample ID:** **18A1092-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0024**	J	mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.018**	SCAL-E	mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.0057**		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.041**		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dimethyl Heptane isomer**	**95**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**dimethyl Hexane isomer**	**90**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**trimethyl Decane isomer**	**270**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**Trimethyl heptane isomer**	**71**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**trimethyl hexane isomers**	**500**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**Trimethyl pentane isomers**	**490**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.2 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*77.6 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*98.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.6 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*81.7 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*67.4 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Unknown aliphatic hydrocarbon**	**442**	N	ug/kg dry			2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00909	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0920	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*111 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:50	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:50	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:50	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*40.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	5.53	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.55**		mg/kg dry	1.11	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**58.5**		mg/kg dry	1.11	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**566**	B	mg/kg dry	5.53	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.92**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.8**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13200**		mg/kg dry	2.21	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**10.2**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3320**		mg/kg dry	5.53	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**423**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**33.8**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1390**		mg/kg dry	5.53	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**154**	B	mg/kg dry	11.1	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.5**		mg/kg dry	1.11	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**46.4**		mg/kg dry	1.66	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473	02/01/2018 09:19	02/01/2018 13:24	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	1	SM 2540G	02/05/2018 13:09	02/05/2018 16:44	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.553	1	EPA 7196A	02/01/2018 08:01	02/01/2018 14:03	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.6**		mg/kg	0.500	1	Calculation	02/07/2018 15:09	02/07/2018 15:11	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.553	1	EPA 9014/9010C	02/01/2018 09:35	02/01/2018 16:34	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BB80014 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80014-BLK1	Blank	02/01/18
BB80014-SRM1	Reference	02/01/18

Batch ID: BB80019 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80019-BLK1	Blank	02/01/18
BB80019-SRM1	Reference	02/01/18

Batch ID: BB80020 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80020-BLK1	Blank	02/01/18
BB80020-SRM1	Reference	02/01/18

Batch ID: BB80025 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80025-BLK1	Blank	02/01/18
BB80025-SRM1	Reference	02/01/18

Batch ID: BB80043 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80043-BLK1	Blank	02/01/18
BB80043-BLK1	Blank	02/01/18
BB80043-BS1	LCS	02/01/18

Batch ID: BB80070 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-01	EBTB03_013118	02/02/18
BB80070-BLK1	Blank	02/02/18
BB80070-BS1	LCS	02/02/18
BB80070-BSD1	LCS Dup	02/02/18

Batch ID: BB80102 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/02/18
18A1092-02	SB116_0-1	02/02/18
18A1092-04	SB116_15-17	02/02/18
18A1092-04	SB116_15-17	02/02/18
BB80102-BLK1	Blank	02/02/18
BB80102-BLK2	Blank	02/02/18
BB80102-BS1	LCS	02/02/18
BB80102-BS2	LCS	02/02/18

Batch ID: BB80115 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/05/18
18A1092-04	SB116_15-17	02/05/18
BB80115-BLK1	Blank	02/05/18
BB80115-BS1	LCS	02/05/18
BB80115-MS1	Matrix Spike	02/05/18
BB80115-MSD1	Matrix Spike Dup	02/05/18

Batch ID: BB80139 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/05/18
18A1092-04	SB116_15-17	02/05/18
BB80139-BLK1	Blank	02/05/18
BB80139-BS1	LCS	02/05/18
BB80139-BSD1	LCS Dup	02/05/18

Batch ID: BB80157 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/05/18
18A1092-04	SB116_15-17	02/05/18

Batch ID: BB80281 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/07/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
Blank (BB80070-BLK1)											Prepared & Analyzed: 02/02/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
Blank (BB80070-BLK1)								Prepared & Analyzed: 02/02/2018			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BB80070-BS1)								Prepared & Analyzed: 02/02/2018			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	9.83		"	10.0		98.3	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	10.5		"	10.0		105	68-138				
1,2,3-Trichlorobenzene	10.6		"	10.0		106	76-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132				
1,2-Dibromo-3-chloropropane	9.07		"	10.0		90.7	45-147				
1,2-Dibromoethane	10.0		"	10.0		100	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	9.96		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	429		"	210		204	10-349				
2-Butanone	8.49		"	10.0		84.9	49-152				
2-Hexanone	9.11		"	10.0		91.1	51-146				
4-Methyl-2-pentanone	9.54		"	10.0		95.4	57-145				
Acetone	8.36		"	10.0		83.6	14-150				
Acrolein	10.3		"	10.0		103	10-153				
Acrylonitrile	9.57		"	10.0		95.7	51-150				
Benzene	10.9		"	10.0		109	85-126				
Bromochloromethane	10.4		"	10.0		104	77-128				
Bromodichloromethane	9.74		"	10.0		97.4	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
LCS (BB80070-BS1)								Prepared & Analyzed: 02/02/2018			
Bromoform	9.92		ug/L	10.0		99.2	78-133				
Bromomethane	11.6		"	10.0		116	43-168				
Carbon disulfide	11.8		"	10.0		118	68-146				
Carbon tetrachloride	10.8		"	10.0		108	77-141				
Chlorobenzene	10.5		"	10.0		105	88-120				
Chloroethane	11.1		"	10.0		111	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	12.1		"	10.0		121	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Cyclohexane	11.5		"	10.0		115	63-149				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	9.64		"	10.0		96.4	72-134				
Dichlorodifluoromethane	15.9		"	10.0		159	44-144	High Bias			
Ethyl Benzene	11.1		"	10.0		111	80-131				
Hexachlorobutadiene	11.0		"	10.0		110	67-146				
Isopropylbenzene	11.3		"	10.0		113	76-140				
Methyl acetate	9.54		"	10.0		95.4	51-139				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylcyclohexane	11.0		"	10.0		110	72-143				
Methylene chloride	10.1		"	10.0		101	55-137				
n-Butylbenzene	11.2		"	10.0		112	79-132				
n-Propylbenzene	11.1		"	10.0		111	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	22.6		"	20.0		113	77-133				
p-Isopropyltoluene	11.6		"	10.0		116	81-136				
sec-Butylbenzene	11.7		"	10.0		117	79-137				
Styrene	10.6		"	10.0		106	67-132				
tert-Butyl alcohol (TBA)	10.9		"	50.0		21.7	25-162	Low Bias			
tert-Butylbenzene	11.2		"	10.0		112	77-138				
Tetrachloroethylene	9.74		"	10.0		97.4	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	9.94		"	10.0		99.4	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	12.2		"	10.0		122	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
LCS Dup (BB80070-BSD1)							Prepared & Analyzed: 02/02/2018				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		3.95	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		3.56	30	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129		0.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		10.3	30	
1,1,2-Trichloroethane	9.65		"	10.0		96.5	82-123		1.85	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		3.97	30	
1,1-Dichloroethylene	10.2		"	10.0		102	68-138		3.00	30	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	76-136		0.282	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		0.0997	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		1.83	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		5.91	30	
1,2-Dibromo-3-chloropropane	9.51		"	10.0		95.1	45-147		4.74	30	
1,2-Dibromoethane	9.90		"	10.0		99.0	83-124		1.40	30	
1,2-Dichlorobenzene	9.91		"	10.0		99.1	79-123		4.05	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		0.879	30	
1,2-Dichloropropane	9.57		"	10.0		95.7	78-126		3.99	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		5.84	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		4.83	30	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	85-124		4.16	30	
1,4-Dioxane	311		"	210		148	10-349		31.8	30	Non-dir.
2-Butanone	9.16		"	10.0		91.6	49-152		7.59	30	
2-Hexanone	9.69		"	10.0		96.9	51-146		6.17	30	
4-Methyl-2-pentanone	9.94		"	10.0		99.4	57-145		4.11	30	
Acetone	8.55		"	10.0		85.5	14-150		2.25	30	
Acrolein	9.43		"	10.0		94.3	10-153		8.63	30	
Acrylonitrile	9.67		"	10.0		96.7	51-150		1.04	30	
Benzene	10.5		"	10.0		105	85-126		3.75	30	
Bromochloromethane	9.99		"	10.0		99.9	77-128		3.73	30	
Bromodichloromethane	9.34		"	10.0		93.4	79-128		4.19	30	
Bromoform	9.96		"	10.0		99.6	78-133		0.402	30	
Bromomethane	11.4		"	10.0		114	43-168		1.65	30	
Carbon disulfide	11.3		"	10.0		113	68-146		4.33	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		3.11	30	
Chlorobenzene	10.0		"	10.0		100	88-120		4.68	30	
Chloroethane	10.6		"	10.0		106	65-136		4.79	30	
Chloroform	9.75		"	10.0		97.5	82-128		3.53	30	
Chloromethane	11.5		"	10.0		115	43-155		5.25	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		4.20	30	
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	80-131		3.74	30	
Cyclohexane	11.3		"	10.0		113	63-149		2.02	30	
Dibromochloromethane	10.0		"	10.0		100	80-130		2.46	30	
Dibromomethane	9.48		"	10.0		94.8	72-134		1.67	30	
Dichlorodifluoromethane	15.5		"	10.0		155	44-144	High Bias	2.42	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		4.51	30	
Hexachlorobutadiene	10.6		"	10.0		106	67-146		3.88	30	
Isopropylbenzene	10.6		"	10.0		106	76-140		6.01	30	
Methyl acetate	10.2		"	10.0		102	51-139		6.78	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		1.65	30	
Methylcyclohexane	10.8		"	10.0		108	72-143		2.11	30	
Methylene chloride	9.88		"	10.0		98.8	55-137		2.60	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		5.53	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
LCS Dup (BB80070-BSD1)								Prepared & Analyzed: 02/02/2018			
n-Propylbenzene	10.6		ug/L	10.0		106	78-133		5.44	30	
o-Xylene	10.6		"	10.0		106	78-130		3.96	30	
p- & m- Xylenes	21.5		"	20.0		108	77-133		4.94	30	
p-Isopropyltoluene	11.0		"	10.0		110	81-136		5.14	30	
sec-Butylbenzene	11.1		"	10.0		111	79-137		5.61	30	
Styrene	10.1		"	10.0		101	67-132		4.35	30	
tert-Butyl alcohol (TBA)	10.2		"	50.0		20.4	25-162	Low Bias	6.36	30	
tert-Butylbenzene	10.6		"	10.0		106	77-138		5.23	30	
Tetrachloroethylene	9.34		"	10.0		93.4	82-131		4.19	30	
Toluene	10.2		"	10.0		102	80-127		3.86	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		4.87	30	
trans-1,3-Dichloropropylene	9.85		"	10.0		98.5	78-131		0.910	30	
Trichloroethylene	9.87		"	10.0		98.7	82-128		4.55	30	
Trichlorofluoromethane	10.9		"	10.0		109	67-139		3.33	30	
Vinyl Chloride	11.7		"	10.0		117	58-145		4.43	30	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*79-122*				
Batch BB80139 - EPA 5035A											
Blank (BB80139-BLK1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0046	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	0.0025	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
Blank (BB80139-BLK1)											Prepared & Analyzed: 02/05/2018
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*49.4*		*ug/L*	*50.0*		*98.8*	*77-125*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS (BB80139-BS1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	50.4		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	48.4		"	50.0		96.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.2		"	50.0		92.4	58-146				
1,1,2-Trichloroethane	45.4		"	50.0		90.8	83-123				
1,1-Dichloroethane	48.4		"	50.0		96.7	75-130				
1,1-Dichloroethylene	45.0		"	50.0		90.0	64-137				
1,2,3-Trichlorobenzene	52.2		"	50.0		104	81-140				
1,2,3-Trichloropropane	48.9		"	50.0		97.7	81-126				
1,2,4-Trichlorobenzene	50.7		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125				
1,2-Dibromo-3-chloropropane	53.0		"	50.0		106	74-142				
1,2-Dibromoethane	47.0		"	50.0		94.0	86-123				
1,2-Dichlorobenzene	49.4		"	50.0		98.9	85-122				
1,2-Dichloroethane	50.5		"	50.0		101	71-133				
1,2-Dichloropropane	45.1		"	50.0		90.2	81-122				
1,3,5-Trimethylbenzene	46.3		"	50.0		92.6	82-126				
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124				
1,4-Dichlorobenzene	49.2		"	50.0		98.4	84-124				
1,4-Dioxane	957		"	1050		91.1	10-228				
2-Butanone	50.6		"	50.0		101	58-147				
2-Hexanone	45.1		"	50.0		90.2	70-139				
4-Methyl-2-pentanone	44.1		"	50.0		88.1	72-132				
Acetone	40.5		"	50.0		81.1	36-155				
Acrolein	28.8		"	50.0		57.6	10-238				
Acrylonitrile	43.0		"	50.0		86.1	66-141				
Benzene	47.8		"	50.0		95.7	77-127				
Bromochloromethane	48.0		"	50.0		95.9	74-129				
Bromodichloromethane	52.0		"	50.0		104	81-124				
Bromoform	63.5		"	50.0		127	80-136				
Bromomethane	52.0		"	50.0		104	32-177				
Carbon disulfide	58.3		"	50.0		117	10-136				
Carbon tetrachloride	52.1		"	50.0		104	66-143				
Chlorobenzene	47.6		"	50.0		95.2	86-120				
Chloroethane	50.1		"	50.0		100	51-142				
Chloroform	49.3		"	50.0		98.6	76-131				
Chloromethane	56.9		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	48.0		"	50.0		96.1	74-132				
cis-1,3-Dichloropropylene	49.2		"	50.0		98.3	81-129				
Cyclohexane	45.4		"	50.0		90.7	70-130				
Dibromochloromethane	59.2		"	50.0		118	10-200				
Dibromomethane	47.1		"	50.0		94.1	83-124				
Dichlorodifluoromethane	72.4		"	50.0		145	28-158				
Ethyl Benzene	46.4		"	50.0		92.8	84-125				
Hexachlorobutadiene	48.6		"	50.0		97.2	83-133				
Isopropylbenzene	46.1		"	50.0		92.3	81-127				
Methyl acetate	41.2		"	50.0		82.4	41-143				
Methyl tert-butyl ether (MTBE)	51.0		"	50.0		102	74-131				
Methylcyclohexane	43.6		"	50.0		87.3	70-130				
Methylene chloride	45.5		"	50.0		91.0	57-141				
n-Butylbenzene	47.3		"	50.0		94.6	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

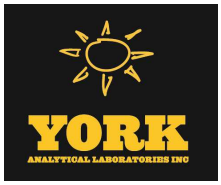
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS (BB80139-BS1)								Prepared & Analyzed: 02/05/2018			
n-Propylbenzene	47.2		ug/L	50.0		94.4	74-136				
o-Xylene	48.0		"	50.0		95.9	83-123				
p- & m- Xylenes	95.7		"	100		95.7	82-128				
p-Isopropyltoluene	48.9		"	50.0		97.7	85-125				
sec-Butylbenzene	47.5		"	50.0		94.9	83-125				
Styrene	46.4		"	50.0		92.9	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.2	70-130				
tert-Butylbenzene	47.0		"	50.0		93.9	80-127				
Tetrachloroethylene	46.8		"	50.0		93.5	80-129				
Toluene	45.7		"	50.0		91.3	85-121				
trans-1,2-Dichloroethylene	47.6		"	50.0		95.2	72-132				
trans-1,3-Dichloropropylene	50.9		"	50.0		102	78-132				
Trichloroethylene	47.5		"	50.0		95.0	84-123				
Trichlorofluoromethane	55.8		"	50.0		112	62-140				
Vinyl Chloride	53.5		"	50.0		107	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BB80139-BSD1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	52.8		ug/L	50.0		106	75-129		2.59	30	
1,1,1-Trichloroethane	53.2		"	50.0		106	71-137		5.56	30	
1,1,2,2-Tetrachloroethane	46.6		"	50.0		93.2	79-129		3.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.6		"	50.0		97.1	58-146		4.94	30	
1,1,2-Trichloroethane	46.2		"	50.0		92.3	83-123		1.66	30	
1,1-Dichloroethane	50.2		"	50.0		100	75-130		3.79	30	
1,1-Dichloroethylene	47.4		"	50.0		94.8	64-137		5.17	30	
1,2,3-Trichlorobenzene	50.8		"	50.0		102	81-140		2.76	30	
1,2,3-Trichloropropane	48.2		"	50.0		96.4	81-126		1.38	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		0.316	30	
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125		0.0208	30	
1,2-Dibromo-3-chloropropane	50.9		"	50.0		102	74-142		4.16	30	
1,2-Dibromoethane	47.9		"	50.0		95.9	86-123		1.98	30	
1,2-Dichlorobenzene	49.5		"	50.0		99.0	85-122		0.141	30	
1,2-Dichloroethane	51.0		"	50.0		102	71-133		1.14	30	
1,2-Dichloropropane	46.1		"	50.0		92.3	81-122		2.30	30	
1,3,5-Trimethylbenzene	46.7		"	50.0		93.5	82-126		0.903	30	
1,3-Dichlorobenzene	49.1		"	50.0		98.2	84-124		0.366	30	
1,4-Dichlorobenzene	48.0		"	50.0		96.1	84-124		2.41	30	
1,4-Dioxane	905		"	1050		86.2	10-228		5.60	30	
2-Butanone	50.9		"	50.0		102	58-147		0.493	30	
2-Hexanone	43.1		"	50.0		86.2	70-139		4.47	30	
4-Methyl-2-pentanone	44.0		"	50.0		88.1	72-132		0.0454	30	
Acetone	38.2		"	50.0		76.5	36-155		5.81	30	
Acrolein	29.8		"	50.0		59.5	10-238		3.21	30	
Acrylonitrile	41.6		"	50.0		83.1	66-141		3.50	30	
Benzene	48.8		"	50.0		97.6	77-127		1.92	30	
Bromochloromethane	49.2		"	50.0		98.3	74-129		2.47	30	
Bromodichloromethane	52.0		"	50.0		104	81-124		0.0384	30	
Bromoform	62.5		"	50.0		125	80-136		1.57	30	
Bromomethane	54.6		"	50.0		109	32-177		4.75	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS Dup (BB80139-BSD1)								Prepared & Analyzed: 02/05/2018			
Carbon disulfide	60.0		ug/L	50.0		120	10-136		2.91	30	
Carbon tetrachloride	55.4		"	50.0		111	66-143		6.12	30	
Chlorobenzene	48.3		"	50.0		96.6	86-120		1.50	30	
Chloroethane	51.9		"	50.0		104	51-142		3.55	30	
Chloroform	50.6		"	50.0		101	76-131		2.66	30	
Chloromethane	59.8		"	50.0		120	49-132		5.07	30	
cis-1,2-Dichloroethylene	48.6		"	50.0		97.3	74-132		1.22	30	
cis-1,3-Dichloropropylene	49.5		"	50.0		99.1	81-129		0.770	30	
Cyclohexane	47.9		"	50.0		95.7	70-130		5.34	30	
Dibromochloromethane	58.8		"	50.0		118	10-200		0.712	30	
Dibromomethane	47.3		"	50.0		94.6	83-124		0.466	30	
Dichlorodifluoromethane	76.9		"	50.0		154	28-158		6.09	30	
Ethyl Benzene	48.8		"	50.0		97.6	84-125		5.02	30	
Hexachlorobutadiene	50.0		"	50.0		100	83-133		2.94	30	
Isopropylbenzene	47.1		"	50.0		94.2	81-127		2.10	30	
Methyl acetate	38.6		"	50.0		77.2	41-143		6.54	30	
Methyl tert-butyl ether (MTBE)	51.4		"	50.0		103	74-131		0.723	30	
Methylcyclohexane	45.6		"	50.0		91.1	70-130		4.31	30	
Methylene chloride	46.6		"	50.0		93.2	57-141		2.45	30	
n-Butylbenzene	48.8		"	50.0		97.6	80-130		3.12	30	
n-Propylbenzene	47.8		"	50.0		95.6	74-136		1.18	30	
o-Xylene	47.8		"	50.0		95.7	83-123		0.292	30	
p- & m- Xylenes	96.0		"	100		96.0	82-128		0.334	30	
p-Isopropyltoluene	49.7		"	50.0		99.4	85-125		1.72	30	
sec-Butylbenzene	48.5		"	50.0		97.0	83-125		2.19	30	
Styrene	45.8		"	50.0		91.6	86-126		1.39	30	
tert-Butyl alcohol (TBA)	224		"	250		89.4	70-130		5.17	30	
tert-Butylbenzene	48.5		"	50.0		97.0	80-127		3.27	30	
Tetrachloroethylene	48.2		"	50.0		96.4	80-129		3.03	30	
Toluene	47.2		"	50.0		94.5	85-121		3.38	30	
trans-1,2-Dichloroethylene	49.0		"	50.0		97.9	72-132		2.84	30	
trans-1,3-Dichloropropylene	51.0		"	50.0		102	78-132		0.118	30	
Trichloroethylene	49.0		"	50.0		97.9	84-123		3.01	30	
Trichlorofluoromethane	57.6		"	50.0		115	62-140		3.24	30	
Vinyl Chloride	56.2		"	50.0		112	52-130		4.99	30	
Surrogate: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB80043 - EPA 3550C

Blank (BB80043-BLK1) Prepared: 02/01/2018 Analyzed: 02/02/2018

1,1-Biphenyl	ND	0.0417	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"
2,3,4,6-Tetrachlorophenol	ND	0.0833	"
2,4,5-Trichlorophenol	ND	0.0417	"
2,4,6-Trichlorophenol	ND	0.0417	"
2,4-Dichlorophenol	ND	0.0417	"
2,4-Dimethylphenol	ND	0.0417	"
2,4-Dinitrophenol	ND	0.0833	"
2,4-Dinitrotoluene	ND	0.0417	"
2,6-Dinitrotoluene	ND	0.0417	"
2-Chloronaphthalene	ND	0.0417	"
2-Chlorophenol	ND	0.0417	"
2-Methylnaphthalene	ND	0.0417	"
2-Methylphenol	ND	0.0417	"
2-Nitroaniline	ND	0.0833	"
2-Nitrophenol	ND	0.0417	"
3- & 4-Methylphenols	ND	0.0417	"
3,3-Dichlorobenzidine	ND	0.0417	"
3-Nitroaniline	ND	0.0833	"
4,6-Dinitro-2-methylphenol	ND	0.0833	"
4-Bromophenyl phenyl ether	ND	0.0417	"
4-Chloro-3-methylphenol	ND	0.0417	"
4-Chloroaniline	ND	0.0417	"
4-Chlorophenyl phenyl ether	ND	0.0417	"
4-Nitroaniline	ND	0.0833	"
4-Nitrophenol	ND	0.0833	"
Acenaphthene	ND	0.0417	"
Acenaphthylene	ND	0.0417	"
Acetophenone	ND	0.0417	"
Aniline	ND	0.167	"
Anthracene	ND	0.0417	"
Atrazine	ND	0.0417	"
Benzaldehyde	ND	0.0417	"
Benzidine	ND	0.167	"
Benzo(a)anthracene	ND	0.0417	"
Benzo(a)pyrene	ND	0.0417	"
Benzo(b)fluoranthene	ND	0.0417	"
Benzo(g,h,i)perylene	ND	0.0417	"
Benzo(k)fluoranthene	ND	0.0417	"
Benzoic acid	ND	0.0417	"
Benzyl alcohol	ND	0.0417	"
Benzyl butyl phthalate	ND	0.0417	"
Bis(2-chloroethoxy)methane	ND	0.0417	"
Bis(2-chloroethyl)ether	ND	0.0417	"
Bis(2-chloroisopropyl)ether	ND	0.0417	"
Bis(2-ethylhexyl)phthalate	ND	0.0417	"
Caprolactam	ND	0.0833	"
Carbazole	ND	0.0417	"
Chrysene	ND	0.0417	"
Dibenzo(a,h)anthracene	ND	0.0417	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80043 - EPA 3550C											
Blank (BB80043-BLK1)											
Prepared: 02/01/2018 Analyzed: 02/02/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.23*		"	*2.55*		*87.4*	*20-108*				
Surrogate: Phenol-d5	*2.50*		"	*2.59*		*96.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.04*		"	*1.81*		*112*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.56*		"	*1.76*		*88.6*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.63*		"	*2.59*		*102*	*19-110*				
Surrogate: Terphenyl-d14	*1.27*		"	*1.69*		*75.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80043 - EPA 3550C											
LCS (BB80043-BS1)								Prepared: 02/01/2018 Analyzed: 02/02/2018			
1,1-Biphenyl	0.683	0.0417	mg/kg wet	0.833		82.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.698	0.0833	"	0.833		83.8	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.675	0.0417	"	0.833		81.0	17-137				
2,3,4,6-Tetrachlorophenol	0.613	0.0833	"	0.833		73.5	30-130				
2,4,5-Trichlorophenol	0.717	0.0417	"	0.833		86.1	27-118				
2,4,6-Trichlorophenol	0.731	0.0417	"	0.833		87.7	31-120				
2,4-Dichlorophenol	0.794	0.0417	"	0.833		95.3	20-127				
2,4-Dimethylphenol	0.728	0.0417	"	0.833		87.4	14-132				
2,4-Dinitrophenol	0.654	0.0833	"	0.833		78.5	10-171				
2,4-Dinitrotoluene	0.754	0.0417	"	0.833		90.5	34-131				
2,6-Dinitrotoluene	0.700	0.0417	"	0.833		84.0	31-128				
2-Chloronaphthalene	0.536	0.0417	"	0.833		64.4	31-117				
2-Chlorophenol	0.740	0.0417	"	0.833		88.8	33-113				
2-Methylnaphthalene	0.792	0.0417	"	0.833		95.0	12-138				
2-Methylphenol	0.770	0.0417	"	0.833		92.4	10-136				
2-Nitroaniline	0.750	0.0833	"	0.833		90.0	27-132				
2-Nitrophenol	0.854	0.0417	"	0.833		103	17-129				
3- & 4-Methylphenols	0.685	0.0417	"	0.833		82.2	29-103				
3,3-Dichlorobenzidine	0.649	0.0417	"	0.833		77.8	22-149				
3-Nitroaniline	0.615	0.0833	"	0.833		73.8	20-133				
4,6-Dinitro-2-methylphenol	0.821	0.0833	"	0.833		98.6	10-143				
4-Bromophenyl phenyl ether	0.677	0.0417	"	0.833		81.2	29-120				
4-Chloro-3-methylphenol	0.921	0.0417	"	0.833		110	24-129				
4-Chloroaniline	0.391	0.0417	"	0.833		46.9	10-132				
4-Chlorophenyl phenyl ether	0.705	0.0417	"	0.833		84.6	27-124				
4-Nitroaniline	0.739	0.0833	"	0.833		88.7	16-128				
4-Nitrophenol	0.878	0.0833	"	0.833		105	10-141				
Acenaphthene	0.677	0.0417	"	0.833		81.2	30-121				
Acenaphthylene	0.632	0.0417	"	0.833		75.9	30-115				
Acetophenone	0.808	0.0417	"	0.833		96.9	20-112				
Aniline	0.485	0.167	"	0.833		58.2	10-119				
Anthracene	0.705	0.0417	"	0.833		84.6	34-118				
Atrazine	0.852	0.0417	"	0.833		102	26-112				
Benzaldehyde	0.846	0.0417	"	0.833		101	21-100	High Bias			
Benzo(a)anthracene	0.778	0.0417	"	0.833		93.4	32-122				
Benzo(a)pyrene	0.776	0.0417	"	0.833		93.1	29-133				
Benzo(b)fluoranthene	0.711	0.0417	"	0.833		85.4	25-133				
Benzo(g,h,i)perylene	0.701	0.0417	"	0.833		84.2	10-143				
Benzo(k)fluoranthene	0.703	0.0417	"	0.833		84.4	25-128				
Benzoic acid	0.807	0.0417	"	0.967		83.4	10-140				
Benzyl alcohol	0.770	0.0417	"	0.833		92.4	30-115				
Benzyl butyl phthalate	0.852	0.0417	"	0.833		102	26-126				
Bis(2-chloroethoxy)methane	0.815	0.0417	"	0.833		97.8	19-132				
Bis(2-chloroethyl)ether	0.743	0.0417	"	0.833		89.2	19-125				
Bis(2-chloroisopropyl)ether	0.736	0.0417	"	0.833		88.4	20-135				
Bis(2-ethylhexyl)phthalate	0.860	0.0417	"	0.833		103	10-155				
Caprolactam	0.876	0.0833	"	0.833		105	10-127				
Carbazole	0.613	0.0417	"	0.833		73.6	35-123				
Chrysene	0.701	0.0417	"	0.833		84.2	32-123				
Dibenzo(a,h)anthracene	0.712	0.0417	"	0.833		85.4	10-136				
Dibenzofuran	0.679	0.0417	"	0.833		81.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80043 - EPA 3550C											
LCS (BB80043-BS1)									Prepared: 02/01/2018 Analyzed: 02/02/2018		
Diethyl phthalate	0.697	0.0417	mg/kg wet	0.833		83.7	34-116				
Dimethyl phthalate	0.689	0.0417	"	0.833		82.6	35-124				
Di-n-butyl phthalate	0.732	0.0417	"	0.833		87.8	31-116				
Di-n-octyl phthalate	0.857	0.0417	"	0.833		103	26-136				
Diphenylamine	0.873	0.0833	"	0.833		105	40-140				
Fluoranthene	0.768	0.0417	"	0.833		92.1	33-122				
Fluorene	0.703	0.0417	"	0.833		84.4	29-123				
Hexachlorobenzene	0.583	0.0417	"	0.833		70.0	21-124				
Hexachlorobutadiene	0.623	0.0417	"	0.833		74.7	10-149				
Hexachlorocyclopentadiene	0.287	0.0417	"	0.833		34.4	10-129				
Hexachloroethane	0.635	0.0417	"	0.833		76.2	28-108				
Indeno(1,2,3-cd)pyrene	0.692	0.0417	"	0.833		83.0	10-135				
Isophorone	0.712	0.0417	"	0.833		85.4	20-132				
Naphthalene	0.746	0.0417	"	0.833		89.6	23-124				
Nitrobenzene	0.674	0.0417	"	0.833		80.9	13-132				
N-Nitrosodimethylamine	0.600	0.0417	"	0.833		72.0	11-129				
N-nitroso-di-n-propylamine	0.783	0.0417	"	0.833		94.0	24-119				
N-Nitrosodiphenylamine	0.920	0.0417	"	0.833		110	22-152				
Pentachlorophenol	0.395	0.0417	"	0.833		47.4	10-139				
Phenanthrene	0.718	0.0417	"	0.833		86.2	33-123				
Phenol	0.668	0.0417	"	0.833		80.2	23-115				
Pyrene	0.719	0.0417	"	0.833		86.2	32-130				
Pyridine	0.555	0.167	"	0.833		66.6	10-91				
Surrogate: 2-Fluorophenol	*1.96*		"	*2.55*		*77.1*	*20-108*				
Surrogate: Phenol-d5	*2.33*		"	*2.59*		*90.0*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.71*		"	*1.81*		*94.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.29*		"	*1.76*		*73.2*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.42*		"	*2.59*		*93.4*	*19-110*				
Surrogate: Terphenyl-d14	*1.08*		"	*1.69*		*64.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80043 - EPA 3550C											
Blank (BB80043-BLK1)											Prepared: 02/01/2018 Analyzed: 02/02/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80102 - EPA 3550C											
Blank (BB80102-BLK1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0585*		"	*0.0667*		*87.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0411*		"	*0.0667*		*61.6*	*30-150*				
LCS (BB80102-BS1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
4,4'-DDD	0.0311	0.000330	mg/kg wet	0.0333		93.4	40-140				
4,4'-DDE	0.0278	0.000330	"	0.0333		83.4	40-140				
4,4'-DDT	0.0306	0.000330	"	0.0333		91.8	40-140				
Aldrin	0.0320	0.000330	"	0.0333		96.0	40-140				
alpha-BHC	0.0317	0.000330	"	0.0333		95.2	40-140				
alpha-Chlordane	0.0311	0.000330	"	0.0333		93.3	40-140				
beta-BHC	0.0315	0.000330	"	0.0333		94.5	40-140				
delta-BHC	0.0343	0.000330	"	0.0333		103	40-140				
Dieldrin	0.0336	0.000330	"	0.0333		101	40-140				
Endosulfan I	0.0396	0.000330	"	0.0333		119	40-140				
Endosulfan II	0.0353	0.000330	"	0.0333		106	40-140				
Endosulfan sulfate	0.0340	0.000330	"	0.0333		102	40-140				
Endrin	0.0315	0.000330	"	0.0333		94.6	40-140				
Endrin aldehyde	0.0341	0.000330	"	0.0333		102	40-140				
Endrin ketone	0.0365	0.000330	"	0.0333		110	40-140				
gamma-BHC (Lindane)	0.0308	0.000330	"	0.0333		92.3	40-140				
gamma-Chlordane	0.0306	0.000330	"	0.0333		91.8	40-140				
Heptachlor	0.0273	0.000330	"	0.0333		81.8	40-140				
Heptachlor epoxide	0.0296	0.000330	"	0.0333		88.7	40-140				
Methoxychlor	0.0238	0.00165	"	0.0333		71.3	40-140				
Surrogate: Decachlorobiphenyl	*0.0734*		"	*0.0667*		*110*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0565*		"	*0.0667*		*84.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)							Prepared & Analyzed: 11/27/2017				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B0601 - BL70213											
Performance Mix (Y8B0601-PEM1)							Prepared & Analyzed: 02/05/2018				
4,4'-DDD	6.76		ng/mL	0.00			0-200				
4,4'-DDE	0.563		"	0.00			0-200				
4,4'-DDT	116		"	200		58.0	0-200				
Endrin	78.8		"	100		78.8	0-200				
Endrin aldehyde	1.15		"	0.00			0-200				
Endrin ketone	6.40		"	0.00			0-200				
Batch Y8B0704 - BL70213											
Performance Mix (Y8B0704-PEM1)							Prepared & Analyzed: 02/06/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.539		"	0.00			0-200				
4,4'-DDT	129		"	200		64.3	0-200				
Endrin	103		"	100		103	0-200				
Endrin aldehyde	1.22		"	0.00			0-200				
Endrin ketone	6.22		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B0704 - BL70213											
Performance Mix (Y8B0704-PEM2)							Prepared & Analyzed: 02/06/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.600		"	0.00			0-200				
4,4'-DDT	176		"	200		87.9	0-200				
Endrin	116		"	100		116	0-200				
Endrin aldehyde	2.13		"	0.00			0-200				
Endrin ketone	7.41		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80102 - EPA 3550C											
Blank (BB80102-BLK2)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0667*		*83.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0437*		*"*	*0.0667*		*65.5*	*30-140*				
LCS (BB80102-BS2)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Aroclor 1016	0.380	0.0167	mg/kg wet	0.333		114	40-130				
Aroclor 1260	0.363	0.0167	"	0.333		109	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0683*		*"*	*0.0667*		*102*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0580*		*"*	*0.0667*		*87.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80115 - EPA 3550B/8151A											
Blank (BB80115-BLK1)								Prepared & Analyzed: 02/05/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.388*		*"*	*0.500*		*77.6*	*30-150*				
LCS (BB80115-BS1)								Prepared & Analyzed: 02/05/2018			
2,4,5-T	0.124	0.0200	mg/kg wet	0.160		77.5	40-140				
2,4,5-TP (Silvex)	0.128	0.0200	"	0.160		80.0	40-140				
2,4-D	0.115	0.0200	"	0.160		71.9	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.459*		*"*	*0.500*		*91.8*	*30-150*				
Matrix Spike (BB80115-MS1)	*Source sample: 18A1092-02 (SB116_0-1)							Prepared & Analyzed: 02/05/2018			
2,4,5-T	0.134	0.0228	mg/kg dry	0.183	ND	73.1	30-150				
2,4,5-TP (Silvex)	0.142	0.0228	"	0.183	ND	77.5	30-150				
2,4-D	0.127	0.0228	"	0.183	ND	69.4	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.522*		*"*	*0.571*		*91.4*	*30-150*				
Matrix Spike Dup (BB80115-MSD1)	*Source sample: 18A1092-02 (SB116_0-1)							Prepared & Analyzed: 02/05/2018			
2,4,5-T	0.137	0.0228	mg/kg dry	0.183	ND	75.0	30-150		2.53	35	
2,4,5-TP (Silvex)	0.144	0.0228	"	0.183	ND	78.7	30-150		1.60	35	
2,4-D	0.130	0.0228	"	0.183	ND	71.3	30-150		2.67	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.535*		*"*	*0.571*		*93.8*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80020 - EPA 3050B											
Blank (BB80020-BLK1)											
Prepared: 02/01/2018 Analyzed: 02/02/2018											
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	8.99	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	28.7	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BB80020-SRM1)											
Prepared: 02/01/2018 Analyzed: 02/02/2018											
Aluminum	6930	5.00	mg/kg wet	8090		85.7	49.8-149.6				
Antimony	94.1	0.500	"	99.3		94.7	0.5-207.5				
Arsenic	104	1.00	"	100		104	80.9-120				
Barium	215	1.00	"	217		99.3	81.6-118.4				
Beryllium	151	0.100	"	147		103	81.6-119.1				
Cadmium	82.6	0.300	"	83.7		98.7	81.2-118.9				
Calcium	6290	5.00	"	6010		105	80.9-119				
Chromium	102	0.500	"	107		95.2	77.5-121.5				
Cobalt	127	0.500	"	123		103	82.1-117.9				
Copper	173	0.500	"	166		104	80.7-118.7				
Iron	11900	2.00	"	14600		81.4	45.1-154.8				
Lead	91.4	0.500	"	88.4		103	81.2-118.8				
Magnesium	2700	5.00	"	2930		92.1	74.7-125.3				
Manganese	318	0.500	"	311		102	80.1-119.9				
Nickel	55.4	0.500	"	49.8		111	80.9-118.9				
Potassium	2300	5.00	"	2620		88.0	69.1-130.9				
Selenium	92.7	1.00	"	87.7		106	76.1-124.3				
Silver	39.3	0.500	"	41.4		94.9	73.7-126.1				
Sodium	243	10.0	"	252		96.5	69.1-131.4				
Thallium	57.4	1.00	"	58.1		98.8	77.6-122.6				
Vanadium	136	1.00	"	140		97.4	76.4-122.9				
Zinc	143	1.50	"	145		98.8	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80019 - EPA 7473 soil											
Blank (BB80019-BLK1)									Prepared & Analyzed: 02/01/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BB80019-SRM1)									Prepared & Analyzed: 02/01/2018		
Mercury	12.705		mg/kg	13.8		92.1	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80014 - EPA SW846-3060											
Blank (BB80014-BLK1)										Prepared & Analyzed: 02/01/2018	
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BB80014-SRM1)										Prepared & Analyzed: 02/01/2018	
Chromium, Hexavalent	151		mg/L	207		72.9	40.5-101.9				
Batch BB80025 - Analysis Preparation Soil											
Blank (BB80025-BLK1)										Prepared & Analyzed: 02/01/2018	
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BB80025-SRM1)										Prepared & Analyzed: 02/01/2018	
Cyanide, total	48.2		ug/mL	62.8		76.8	6.37-86				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A1092-01	EBTB03_013118	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18A1092-02	SB116_0-1	40mL Vial with Stir Bar-Cool 4° C
18A1092-04	SB116_15-17	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES INC
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A1092

YOUR Information

Company: LANGAN ENGINEERING
Address: 360 W 31ST ST 8FL
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SLNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

1703094501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)
Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
EBTB03_013118	01/31/18	S	TCL +30 VOCs ~~+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}~~ STOP	~~2~~ 40mL
SB116-0-1	01/31/18 1030	S	TCL +30 VOCs +SVOCs, PCBs, ppst, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB116_9-10	01/31/18 1040	S	TCL+30 VOCs+SVOCs, PCBs, ppst, herb, TAL Metals, Cr^{6+} Cr^{3+} - HOLD	4 40mL, 2 8oz
SB116-15-17	01/31/18 1230	S	TCL+30 VOCs+SVOCs, PCBs, ppst, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB115-40-42	01/31/18 0940	S	TCL+30 VOCs+SVOCs, PCBs, ppst, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4 40mL, 2 8oz

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	01/31/18 1450		1/31/18 1450
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC	1/31/18 1826

Temperature on Receipt 2.6 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/14/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A1092

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 02/14/2018
Client Project ID: 170384501
York Project (SDG) No.: 18A1092

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 31, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18A1092-01	EBTB03_013118	Water	01/31/2018	01/31/2018
18A1092-02	SB116_0-1	Soil	01/31/2018	01/31/2018
18A1092-03	SB116_9-10	Soil	01/31/2018	01/31/2018
18A1092-04	SB116_15-17	Soil	01/31/2018	01/31/2018

General Notes for York Project (SDG) No.: 18A1092

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

Approved By:

Date: 02/14/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EBTB03_013118 **York Sample ID:** 18A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Water	January 31, 2018 2:00 pm	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB03_013118 **York Sample ID:** 18A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Water	January 31, 2018 2:00 pm	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB03_013118 **York Sample ID:** 18A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Water	January 31, 2018 2:00 pm	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB03_013118 **York Sample ID:** 18A1092-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Water	January 31, 2018 2:00 pm	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/02/2018 07:30	02/02/2018 15:30	SR
							Certifications:			

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.7 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.7 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-54-3	**Hexane**	**7.5**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 18:08	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	Diphenylamine	ND		mg/kg dry	0.0952	0.190	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0477	0.0952	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.191	0.381	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:03	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*78.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*87.7 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*97.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.9 %*	*21-113*

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*94.2 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*60.5 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/01/2018 13:46	02/02/2018 19:03	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/02/2018 13:18	02/05/2018 12:34	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH	02/02/2018 13:18	02/05/2018 12:34	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/02/2018 13:18	02/05/2018 12:34	SA

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00939	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0950	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:34	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	02/02/2018 13:18	02/05/2018 10:47	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.5 %*	*30-140*

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.5 %*			*30-140*					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:37	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:37	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:37	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*57.2 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9960**		mg/kg dry	5.71	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.60**		mg/kg dry	2.28	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**48.3**		mg/kg dry	1.14	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**851**	B	mg/kg dry	5.71	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.4**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.63**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**13.8**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**15000**		mg/kg dry	2.28	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**27.6**		mg/kg dry	2.28	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1910**		mg/kg dry	5.71	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**363**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**25.2**		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**755**		mg/kg dry	34.2	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.28	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**179**	B	mg/kg dry	17.1	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.0**		mg/kg dry	1.14	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**32.5**		mg/kg dry	1.71	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0417**		mg/kg dry	0.0342	1	EPA 7473	02/01/2018 09:19	02/01/2018 13:15	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.6**		%	0.100	1	SM 2540G	02/05/2018 13:09	02/05/2018 16:44	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

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

Sample Information

Client Sample ID: SB116_0-1 **York Sample ID:** 18A1092-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:30 am	01/31/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.571	1	EPA 7196A	02/01/2018 08:01	02/01/2018 14:03	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.4**		mg/kg	0.500	1	Calculation	02/07/2018 15:09	02/07/2018 15:11	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.571	1	EPA 9014/9010C	02/01/2018 09:35	02/01/2018 16:34	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.012	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/09/2018 07:30	02/09/2018 15:22	RS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.200	0.401	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.200	0.401	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0501	0.100	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.200	0.401	2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*70.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*72.9 %*	*23-114*

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*93.8 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*59.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*83.7 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*56.2 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/08/2018 04:21	02/08/2018 21:10	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0394	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00986	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0998	5	EPA 8081B	02/08/2018 04:27	02/08/2018 21:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*101 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/08/2018 19:56	LAB
							Certifications:			

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.1 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0239	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:13	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0239	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:13	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0239	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:13	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*108 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11300**		mg/kg dry	6.00	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.40	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.59**		mg/kg dry	2.40	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**45.6**		mg/kg dry	1.20	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.120	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.603**		mg/kg dry	0.360	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**664**		mg/kg dry	6.00	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.2**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.82**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**9.34**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**20200**		mg/kg dry	60.0	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**12.1**		mg/kg dry	2.40	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2240**		mg/kg dry	6.00	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**402**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**19.3**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**742**		mg/kg dry	36.0	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.40	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	18.0	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.20	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.7**		mg/kg dry	1.20	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**28.0**		mg/kg dry	1.80	1	EPA 6010C	02/08/2018 09:32	02/13/2018 22:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0360	1	EPA 7473	02/08/2018 09:29	02/08/2018 10:38	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.4**		%	0.100	1	SM 2540G	02/08/2018 13:47	02/08/2018 17:47	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB116_9-10 **York Sample ID:** 18A1092-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 10:40 am	01/31/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.600	1	EPA 7196A	02/08/2018 09:28	02/08/2018 17:47	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.2**		mg/kg	0.500	1	Calculation	02/13/2018 12:29	02/14/2018 12:25	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.600	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.0024**	J	mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.018**	SCAL-E	mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.0057**		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.041**		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dimethyl Heptane isomer**	**95**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**dimethyl Hexane isomer**	**90**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**trimethyl Decane isomer**	**270**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**Trimethyl heptane isomer**	**71**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**trimethyl hexane isomers**	**500**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			
NA	**Trimethyl pentane isomers**	**490**	N	ug/kg dry			1	EPA 8260C	02/05/2018 07:30	02/05/2018 19:15	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0922	0.184	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.2 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*77.6 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*98.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.6 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*81.7 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*67.4 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Unknown aliphatic hydrocarbon**	**442**	N	ug/kg dry			2	EPA 8270D	02/01/2018 13:46	02/02/2018 19:34	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00909	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0920	5	EPA 8081B	02/02/2018 13:18	02/05/2018 12:49	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*111 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 11:11	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:50	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:50	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	02/05/2018 03:44	02/05/2018 11:50	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*40.0 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	5.53	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	2.21	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**58.5**		mg/kg dry	1.11	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.332	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**566**	B	mg/kg dry	5.53	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.92**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.8**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13200**		mg/kg dry	2.21	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**10.2**		mg/kg dry	2.21	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3320**		mg/kg dry	5.53	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**423**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**33.8**		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1390**		mg/kg dry	33.2	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.21	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.553	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**154**	B	mg/kg dry	16.6	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.5**		mg/kg dry	1.11	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**46.4**		mg/kg dry	1.66	1	EPA 6010C	02/01/2018 09:21	02/03/2018 00:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473	02/01/2018 09:19	02/01/2018 13:24	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB116_15-17 **York Sample ID:** 18A1092-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18A1092	170384501	Soil	January 31, 2018 12:30 pm	01/31/2018

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	1	SM 2540G	02/05/2018 13:09	02/05/2018 16:44	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.553	1	EPA 7196A	02/01/2018 08:01	02/01/2018 14:03	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.6**		mg/kg	0.500	1	Calculation	02/07/2018 15:09	02/07/2018 15:11	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.553	1	EPA 9014/9010C	02/01/2018 09:35	02/01/2018 16:34	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BB80014 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80014-BLK1	Blank	02/01/18
BB80014-SRM1	Reference	02/01/18

Batch ID: BB80019 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80019-BLK1	Blank	02/01/18
BB80019-SRM1	Reference	02/01/18

Batch ID: BB80020 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80020-BLK1	Blank	02/01/18
BB80020-SRM1	Reference	02/01/18

Batch ID: BB80025 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80025-BLK1	Blank	02/01/18
BB80025-SRM1	Reference	02/01/18

Batch ID: BB80043 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/01/18
18A1092-02	SB116_0-1	02/01/18
18A1092-04	SB116_15-17	02/01/18
18A1092-04	SB116_15-17	02/01/18
BB80043-BLK1	Blank	02/01/18
BB80043-BLK1	Blank	02/01/18
BB80043-BS1	LCS	02/01/18

Batch ID: BB80070 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-01	EBTB03_013118	02/02/18
BB80070-BLK1	Blank	02/02/18
BB80070-BS1	LCS	02/02/18
BB80070-BSD1	LCS Dup	02/02/18

Batch ID: BB80102 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/02/18
18A1092-02	SB116_0-1	02/02/18
18A1092-04	SB116_15-17	02/02/18
18A1092-04	SB116_15-17	02/02/18
BB80102-BLK1	Blank	02/02/18
BB80102-BLK2	Blank	02/02/18
BB80102-BS1	LCS	02/02/18
BB80102-BS2	LCS	02/02/18

Batch ID: BB80115 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/05/18
18A1092-04	SB116_15-17	02/05/18
BB80115-BLK1	Blank	02/05/18
BB80115-BS1	LCS	02/05/18
BB80115-MS1	Matrix Spike	02/05/18
BB80115-MSD1	Matrix Spike Dup	02/05/18

Batch ID: BB80139 **Preparation Method:** EPA 5035A **Prepared By:** TAB

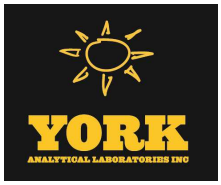
YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/05/18
18A1092-04	SB116_15-17	02/05/18
BB80139-BLK1	Blank	02/05/18
BB80139-BS1	LCS	02/05/18
BB80139-BSD1	LCS Dup	02/05/18

Batch ID: BB80157 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/05/18
18A1092-04	SB116_15-17	02/05/18

Batch ID: BB80281 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-02	SB116_0-1	02/07/18



18A1092-04	SB116_15-17	02/07/18

Batch ID: BB80299 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/08/18
18A1092-03	SB116_9-10	02/08/18
BB80299-BLK1	Blank	02/08/18
BB80299-BLK1	Blank	02/08/18
BB80299-BS1	LCS	02/08/18

Batch ID: BB80300 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/08/18
18A1092-03	SB116_9-10	02/08/18
BB80300-BLK1	Blank	02/08/18
BB80300-BLK2	Blank	02/08/18
BB80300-BS1	LCS	02/08/18
BB80300-BS2	LCS	02/08/18

Batch ID: BB80302 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/08/18
BB80302-BLK1	Blank	02/08/18
BB80302-SRM1	Reference	02/08/18

Batch ID: BB80303 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/08/18
BB80303-BLK1	Blank	02/08/18
BB80303-SRM1	Reference	02/08/18

Batch ID: BB80304 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/08/18
BB80304-BLK1	Blank	02/08/18
BB80304-SRM1	Reference	02/08/18

Batch ID: BB80306 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/08/18
BB80306-BLK1	Blank	02/08/18

BB80306-SRM1	Reference	02/08/18

Batch ID: BB80337 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/08/18

Batch ID: BB80354 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/09/18
BB80354-BLK1	Blank	02/09/18
BB80354-BS1	LCS	02/09/18

Batch ID: BB80359 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/09/18
BB80359-BLK1	Blank	02/09/18
BB80359-BS1	LCS	02/09/18
BB80359-BSD1	LCS Dup	02/09/18

Batch ID: BB80498 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18A1092-03	SB116_9-10	02/13/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
Blank (BB80070-BLK1)											Prepared & Analyzed: 02/02/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

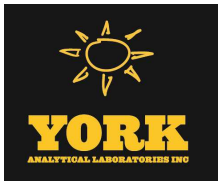
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
Blank (BB80070-BLK1)											Prepared & Analyzed: 02/02/2018
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BB80070-BS1)											Prepared & Analyzed: 02/02/2018
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	9.83		"	10.0		98.3	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	10.5		"	10.0		105	68-138				
1,2,3-Trichlorobenzene	10.6		"	10.0		106	76-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132				
1,2-Dibromo-3-chloropropane	9.07		"	10.0		90.7	45-147				
1,2-Dibromoethane	10.0		"	10.0		100	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	9.96		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	429		"	210		204	10-349				
2-Butanone	8.49		"	10.0		84.9	49-152				
2-Hexanone	9.11		"	10.0		91.1	51-146				
4-Methyl-2-pentanone	9.54		"	10.0		95.4	57-145				
Acetone	8.36		"	10.0		83.6	14-150				
Acrolein	10.3		"	10.0		103	10-153				
Acrylonitrile	9.57		"	10.0		95.7	51-150				
Benzene	10.9		"	10.0		109	85-126				
Bromochloromethane	10.4		"	10.0		104	77-128				
Bromodichloromethane	9.74		"	10.0		97.4	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
LCS (BB80070-BS1)								Prepared & Analyzed: 02/02/2018			
Bromoform	9.92		ug/L	10.0		99.2	78-133				
Bromomethane	11.6		"	10.0		116	43-168				
Carbon disulfide	11.8		"	10.0		118	68-146				
Carbon tetrachloride	10.8		"	10.0		108	77-141				
Chlorobenzene	10.5		"	10.0		105	88-120				
Chloroethane	11.1		"	10.0		111	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	12.1		"	10.0		121	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Cyclohexane	11.5		"	10.0		115	63-149				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	9.64		"	10.0		96.4	72-134				
Dichlorodifluoromethane	15.9		"	10.0		159	44-144	High Bias			
Ethyl Benzene	11.1		"	10.0		111	80-131				
Hexachlorobutadiene	11.0		"	10.0		110	67-146				
Isopropylbenzene	11.3		"	10.0		113	76-140				
Methyl acetate	9.54		"	10.0		95.4	51-139				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylcyclohexane	11.0		"	10.0		110	72-143				
Methylene chloride	10.1		"	10.0		101	55-137				
n-Butylbenzene	11.2		"	10.0		112	79-132				
n-Propylbenzene	11.1		"	10.0		111	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	22.6		"	20.0		113	77-133				
p-Isopropyltoluene	11.6		"	10.0		116	81-136				
sec-Butylbenzene	11.7		"	10.0		117	79-137				
Styrene	10.6		"	10.0		106	67-132				
tert-Butyl alcohol (TBA)	10.9		"	50.0		21.7	25-162	Low Bias			
tert-Butylbenzene	11.2		"	10.0		112	77-138				
Tetrachloroethylene	9.74		"	10.0		97.4	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	9.94		"	10.0		99.4	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	12.2		"	10.0		122	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
LCS Dup (BB80070-BSD1)							Prepared & Analyzed: 02/02/2018				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		3.95	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		3.56	30	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129		0.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		10.3	30	
1,1,2-Trichloroethane	9.65		"	10.0		96.5	82-123		1.85	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		3.97	30	
1,1-Dichloroethylene	10.2		"	10.0		102	68-138		3.00	30	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	76-136		0.282	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		0.0997	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		1.83	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		5.91	30	
1,2-Dibromo-3-chloropropane	9.51		"	10.0		95.1	45-147		4.74	30	
1,2-Dibromoethane	9.90		"	10.0		99.0	83-124		1.40	30	
1,2-Dichlorobenzene	9.91		"	10.0		99.1	79-123		4.05	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		0.879	30	
1,2-Dichloropropane	9.57		"	10.0		95.7	78-126		3.99	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		5.84	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		4.83	30	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	85-124		4.16	30	
1,4-Dioxane	311		"	210		148	10-349		31.8	30	Non-dir.
2-Butanone	9.16		"	10.0		91.6	49-152		7.59	30	
2-Hexanone	9.69		"	10.0		96.9	51-146		6.17	30	
4-Methyl-2-pentanone	9.94		"	10.0		99.4	57-145		4.11	30	
Acetone	8.55		"	10.0		85.5	14-150		2.25	30	
Acrolein	9.43		"	10.0		94.3	10-153		8.63	30	
Acrylonitrile	9.67		"	10.0		96.7	51-150		1.04	30	
Benzene	10.5		"	10.0		105	85-126		3.75	30	
Bromochloromethane	9.99		"	10.0		99.9	77-128		3.73	30	
Bromodichloromethane	9.34		"	10.0		93.4	79-128		4.19	30	
Bromoform	9.96		"	10.0		99.6	78-133		0.402	30	
Bromomethane	11.4		"	10.0		114	43-168		1.65	30	
Carbon disulfide	11.3		"	10.0		113	68-146		4.33	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		3.11	30	
Chlorobenzene	10.0		"	10.0		100	88-120		4.68	30	
Chloroethane	10.6		"	10.0		106	65-136		4.79	30	
Chloroform	9.75		"	10.0		97.5	82-128		3.53	30	
Chloromethane	11.5		"	10.0		115	43-155		5.25	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		4.20	30	
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	80-131		3.74	30	
Cyclohexane	11.3		"	10.0		113	63-149		2.02	30	
Dibromochloromethane	10.0		"	10.0		100	80-130		2.46	30	
Dibromomethane	9.48		"	10.0		94.8	72-134		1.67	30	
Dichlorodifluoromethane	15.5		"	10.0		155	44-144	High Bias	2.42	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		4.51	30	
Hexachlorobutadiene	10.6		"	10.0		106	67-146		3.88	30	
Isopropylbenzene	10.6		"	10.0		106	76-140		6.01	30	
Methyl acetate	10.2		"	10.0		102	51-139		6.78	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		1.65	30	
Methylcyclohexane	10.8		"	10.0		108	72-143		2.11	30	
Methylene chloride	9.88		"	10.0		98.8	55-137		2.60	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		5.53	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80070 - EPA 5030B											
LCS Dup (BB80070-BSD1)								Prepared & Analyzed: 02/02/2018			
n-Propylbenzene	10.6		ug/L	10.0		106	78-133		5.44	30	
o-Xylene	10.6		"	10.0		106	78-130		3.96	30	
p- & m- Xylenes	21.5		"	20.0		108	77-133		4.94	30	
p-Isopropyltoluene	11.0		"	10.0		110	81-136		5.14	30	
sec-Butylbenzene	11.1		"	10.0		111	79-137		5.61	30	
Styrene	10.1		"	10.0		101	67-132		4.35	30	
tert-Butyl alcohol (TBA)	10.2		"	50.0		20.4	25-162	Low Bias	6.36	30	
tert-Butylbenzene	10.6		"	10.0		106	77-138		5.23	30	
Tetrachloroethylene	9.34		"	10.0		93.4	82-131		4.19	30	
Toluene	10.2		"	10.0		102	80-127		3.86	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		4.87	30	
trans-1,3-Dichloropropylene	9.85		"	10.0		98.5	78-131		0.910	30	
Trichloroethylene	9.87		"	10.0		98.7	82-128		4.55	30	
Trichlorofluoromethane	10.9		"	10.0		109	67-139		3.33	30	
Vinyl Chloride	11.7		"	10.0		117	58-145		4.43	30	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*79-122*				
Batch BB80139 - EPA 5035A											
Blank (BB80139-BLK1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0046	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	0.0025	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
Blank (BB80139-BLK1)											Prepared & Analyzed: 02/05/2018
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*49.4*		*ug/L*	*50.0*		*98.8*	*77-125*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS (BB80139-BS1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	50.4		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	48.4		"	50.0		96.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.2		"	50.0		92.4	58-146				
1,1,2-Trichloroethane	45.4		"	50.0		90.8	83-123				
1,1-Dichloroethane	48.4		"	50.0		96.7	75-130				
1,1-Dichloroethylene	45.0		"	50.0		90.0	64-137				
1,2,3-Trichlorobenzene	52.2		"	50.0		104	81-140				
1,2,3-Trichloropropane	48.9		"	50.0		97.7	81-126				
1,2,4-Trichlorobenzene	50.7		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125				
1,2-Dibromo-3-chloropropane	53.0		"	50.0		106	74-142				
1,2-Dibromoethane	47.0		"	50.0		94.0	86-123				
1,2-Dichlorobenzene	49.4		"	50.0		98.9	85-122				
1,2-Dichloroethane	50.5		"	50.0		101	71-133				
1,2-Dichloropropane	45.1		"	50.0		90.2	81-122				
1,3,5-Trimethylbenzene	46.3		"	50.0		92.6	82-126				
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124				
1,4-Dichlorobenzene	49.2		"	50.0		98.4	84-124				
1,4-Dioxane	957		"	1050		91.1	10-228				
2-Butanone	50.6		"	50.0		101	58-147				
2-Hexanone	45.1		"	50.0		90.2	70-139				
4-Methyl-2-pentanone	44.1		"	50.0		88.1	72-132				
Acetone	40.5		"	50.0		81.1	36-155				
Acrolein	28.8		"	50.0		57.6	10-238				
Acrylonitrile	43.0		"	50.0		86.1	66-141				
Benzene	47.8		"	50.0		95.7	77-127				
Bromochloromethane	48.0		"	50.0		95.9	74-129				
Bromodichloromethane	52.0		"	50.0		104	81-124				
Bromoform	63.5		"	50.0		127	80-136				
Bromomethane	52.0		"	50.0		104	32-177				
Carbon disulfide	58.3		"	50.0		117	10-136				
Carbon tetrachloride	52.1		"	50.0		104	66-143				
Chlorobenzene	47.6		"	50.0		95.2	86-120				
Chloroethane	50.1		"	50.0		100	51-142				
Chloroform	49.3		"	50.0		98.6	76-131				
Chloromethane	56.9		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	48.0		"	50.0		96.1	74-132				
cis-1,3-Dichloropropylene	49.2		"	50.0		98.3	81-129				
Cyclohexane	45.4		"	50.0		90.7	70-130				
Dibromochloromethane	59.2		"	50.0		118	10-200				
Dibromomethane	47.1		"	50.0		94.1	83-124				
Dichlorodifluoromethane	72.4		"	50.0		145	28-158				
Ethyl Benzene	46.4		"	50.0		92.8	84-125				
Hexachlorobutadiene	48.6		"	50.0		97.2	83-133				
Isopropylbenzene	46.1		"	50.0		92.3	81-127				
Methyl acetate	41.2		"	50.0		82.4	41-143				
Methyl tert-butyl ether (MTBE)	51.0		"	50.0		102	74-131				
Methylcyclohexane	43.6		"	50.0		87.3	70-130				
Methylene chloride	45.5		"	50.0		91.0	57-141				
n-Butylbenzene	47.3		"	50.0		94.6	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS (BB80139-BS1)								Prepared & Analyzed: 02/05/2018			
n-Propylbenzene	47.2		ug/L	50.0		94.4	74-136				
o-Xylene	48.0		"	50.0		95.9	83-123				
p- & m- Xylenes	95.7		"	100		95.7	82-128				
p-Isopropyltoluene	48.9		"	50.0		97.7	85-125				
sec-Butylbenzene	47.5		"	50.0		94.9	83-125				
Styrene	46.4		"	50.0		92.9	86-126				
tert-Butyl alcohol (TBA)	235		"	250		94.2	70-130				
tert-Butylbenzene	47.0		"	50.0		93.9	80-127				
Tetrachloroethylene	46.8		"	50.0		93.5	80-129				
Toluene	45.7		"	50.0		91.3	85-121				
trans-1,2-Dichloroethylene	47.6		"	50.0		95.2	72-132				
trans-1,3-Dichloropropylene	50.9		"	50.0		102	78-132				
Trichloroethylene	47.5		"	50.0		95.0	84-123				
Trichlorofluoromethane	55.8		"	50.0		112	62-140				
Vinyl Chloride	53.5		"	50.0		107	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BB80139-BSD1)								Prepared & Analyzed: 02/05/2018			
1,1,1,2-Tetrachloroethane	52.8		ug/L	50.0		106	75-129		2.59	30	
1,1,1-Trichloroethane	53.2		"	50.0		106	71-137		5.56	30	
1,1,2,2-Tetrachloroethane	46.6		"	50.0		93.2	79-129		3.81	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.6		"	50.0		97.1	58-146		4.94	30	
1,1,2-Trichloroethane	46.2		"	50.0		92.3	83-123		1.66	30	
1,1-Dichloroethane	50.2		"	50.0		100	75-130		3.79	30	
1,1-Dichloroethylene	47.4		"	50.0		94.8	64-137		5.17	30	
1,2,3-Trichlorobenzene	50.8		"	50.0		102	81-140		2.76	30	
1,2,3-Trichloropropane	48.2		"	50.0		96.4	81-126		1.38	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		0.316	30	
1,2,4-Trimethylbenzene	48.0		"	50.0		96.1	84-125		0.0208	30	
1,2-Dibromo-3-chloropropane	50.9		"	50.0		102	74-142		4.16	30	
1,2-Dibromoethane	47.9		"	50.0		95.9	86-123		1.98	30	
1,2-Dichlorobenzene	49.5		"	50.0		99.0	85-122		0.141	30	
1,2-Dichloroethane	51.0		"	50.0		102	71-133		1.14	30	
1,2-Dichloropropane	46.1		"	50.0		92.3	81-122		2.30	30	
1,3,5-Trimethylbenzene	46.7		"	50.0		93.5	82-126		0.903	30	
1,3-Dichlorobenzene	49.1		"	50.0		98.2	84-124		0.366	30	
1,4-Dichlorobenzene	48.0		"	50.0		96.1	84-124		2.41	30	
1,4-Dioxane	905		"	1050		86.2	10-228		5.60	30	
2-Butanone	50.9		"	50.0		102	58-147		0.493	30	
2-Hexanone	43.1		"	50.0		86.2	70-139		4.47	30	
4-Methyl-2-pentanone	44.0		"	50.0		88.1	72-132		0.0454	30	
Acetone	38.2		"	50.0		76.5	36-155		5.81	30	
Acrolein	29.8		"	50.0		59.5	10-238		3.21	30	
Acrylonitrile	41.6		"	50.0		83.1	66-141		3.50	30	
Benzene	48.8		"	50.0		97.6	77-127		1.92	30	
Bromochloromethane	49.2		"	50.0		98.3	74-129		2.47	30	
Bromodichloromethane	52.0		"	50.0		104	81-124		0.0384	30	
Bromoform	62.5		"	50.0		125	80-136		1.57	30	
Bromomethane	54.6		"	50.0		109	32-177		4.75	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80139 - EPA 5035A											
LCS Dup (BB80139-BSD1)								Prepared & Analyzed: 02/05/2018			
Carbon disulfide	60.0		ug/L	50.0		120	10-136		2.91	30	
Carbon tetrachloride	55.4		"	50.0		111	66-143		6.12	30	
Chlorobenzene	48.3		"	50.0		96.6	86-120		1.50	30	
Chloroethane	51.9		"	50.0		104	51-142		3.55	30	
Chloroform	50.6		"	50.0		101	76-131		2.66	30	
Chloromethane	59.8		"	50.0		120	49-132		5.07	30	
cis-1,2-Dichloroethylene	48.6		"	50.0		97.3	74-132		1.22	30	
cis-1,3-Dichloropropylene	49.5		"	50.0		99.1	81-129		0.770	30	
Cyclohexane	47.9		"	50.0		95.7	70-130		5.34	30	
Dibromochloromethane	58.8		"	50.0		118	10-200		0.712	30	
Dibromomethane	47.3		"	50.0		94.6	83-124		0.466	30	
Dichlorodifluoromethane	76.9		"	50.0		154	28-158		6.09	30	
Ethyl Benzene	48.8		"	50.0		97.6	84-125		5.02	30	
Hexachlorobutadiene	50.0		"	50.0		100	83-133		2.94	30	
Isopropylbenzene	47.1		"	50.0		94.2	81-127		2.10	30	
Methyl acetate	38.6		"	50.0		77.2	41-143		6.54	30	
Methyl tert-butyl ether (MTBE)	51.4		"	50.0		103	74-131		0.723	30	
Methylcyclohexane	45.6		"	50.0		91.1	70-130		4.31	30	
Methylene chloride	46.6		"	50.0		93.2	57-141		2.45	30	
n-Butylbenzene	48.8		"	50.0		97.6	80-130		3.12	30	
n-Propylbenzene	47.8		"	50.0		95.6	74-136		1.18	30	
o-Xylene	47.8		"	50.0		95.7	83-123		0.292	30	
p- & m- Xylenes	96.0		"	100		96.0	82-128		0.334	30	
p-Isopropyltoluene	49.7		"	50.0		99.4	85-125		1.72	30	
sec-Butylbenzene	48.5		"	50.0		97.0	83-125		2.19	30	
Styrene	45.8		"	50.0		91.6	86-126		1.39	30	
tert-Butyl alcohol (TBA)	224		"	250		89.4	70-130		5.17	30	
tert-Butylbenzene	48.5		"	50.0		97.0	80-127		3.27	30	
Tetrachloroethylene	48.2		"	50.0		96.4	80-129		3.03	30	
Toluene	47.2		"	50.0		94.5	85-121		3.38	30	
trans-1,2-Dichloroethylene	49.0		"	50.0		97.9	72-132		2.84	30	
trans-1,3-Dichloropropylene	51.0		"	50.0		102	78-132		0.118	30	
Trichloroethylene	49.0		"	50.0		97.9	84-123		3.01	30	
Trichlorofluoromethane	57.6		"	50.0		115	62-140		3.24	30	
Vinyl Chloride	56.2		"	50.0		112	52-130		4.99	30	
Surrogate: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*77-125*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
Blank (BB80359-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Prepared & Analyzed: 02/09/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

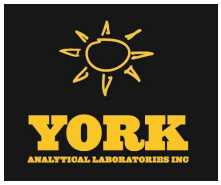
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
Blank (BB80359-BLK1)									Prepared & Analyzed: 02/09/2018		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.0*		*96.2*	*77-125*				
Surrogate: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				
LCS (BB80359-BS1)									Prepared & Analyzed: 02/09/2018		
1,1,1,2-Tetrachloroethane	50.8		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	47.8		"	50.0		95.5	71-137				
1,1,2,2-Tetrachloroethane	48.0		"	50.0		95.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.9		"	50.0		99.7	58-146				
1,1,2-Trichloroethane	46.1		"	50.0		92.3	83-123				
1,1-Dichloroethane	49.0		"	50.0		98.0	75-130				
1,1-Dichloroethylene	47.3		"	50.0		94.6	64-137				
1,2,3-Trichlorobenzene	52.6		"	50.0		105	81-140				
1,2,3-Trichloropropane	44.8		"	50.0		89.7	81-126				
1,2,4-Trichlorobenzene	53.0		"	50.0		106	80-141				
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	44.5		"	50.0		89.0	74-142				
1,2-Dibromoethane	47.7		"	50.0		95.5	86-123				
1,2-Dichlorobenzene	48.4		"	50.0		96.7	85-122				
1,2-Dichloroethane	48.2		"	50.0		96.3	71-133				
1,2-Dichloropropane	44.8		"	50.0		89.7	81-122				
1,3,5-Trimethylbenzene	48.6		"	50.0		97.3	82-126				
1,3-Dichlorobenzene	50.2		"	50.0		100	84-124				
1,4-Dichlorobenzene	49.1		"	50.0		98.3	84-124				
1,4-Dioxane	928		"	1050		88.4	10-228				
2-Butanone	44.0		"	50.0		87.9	58-147				
2-Hexanone	42.5		"	50.0		85.1	70-139				
4-Methyl-2-pentanone	43.1		"	50.0		86.2	72-132				
Acetone	34.7		"	50.0		69.4	36-155				
Acrolein	42.2		"	50.0		84.4	10-238				
Acrylonitrile	44.8		"	50.0		89.6	66-141				
Benzene	48.0		"	50.0		96.1	77-127				
Bromochloromethane	50.5		"	50.0		101	74-129				
Bromodichloromethane	47.4		"	50.0		94.8	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
LCS (BB80359-BS1)								Prepared & Analyzed: 02/09/2018			
Bromoform	51.2		ug/L	50.0		102	80-136				
Bromomethane	48.9		"	50.0		97.9	32-177				
Carbon disulfide	53.3		"	50.0		107	10-136				
Carbon tetrachloride	49.6		"	50.0		99.1	66-143				
Chlorobenzene	47.5		"	50.0		95.1	86-120				
Chloroethane	47.3		"	50.0		94.6	51-142				
Chloroform	47.4		"	50.0		94.8	76-131				
Chloromethane	52.0		"	50.0		104	49-132				
cis-1,2-Dichloroethylene	47.9		"	50.0		95.8	74-132				
cis-1,3-Dichloropropylene	47.7		"	50.0		95.4	81-129				
Cyclohexane	48.7		"	50.0		97.4	70-130				
Dibromochloromethane	52.3		"	50.0		105	10-200				
Dibromomethane	44.3		"	50.0		88.5	83-124				
Dichlorodifluoromethane	69.7		"	50.0		139	28-158				
Ethyl Benzene	48.4		"	50.0		96.7	84-125				
Hexachlorobutadiene	53.6		"	50.0		107	83-133				
Isopropylbenzene	48.7		"	50.0		97.4	81-127				
Methyl acetate	40.6		"	50.0		81.2	41-143				
Methyl tert-butyl ether (MTBE)	49.7		"	50.0		99.3	74-131				
Methylcyclohexane	46.6		"	50.0		93.1	70-130				
Methylene chloride	45.1		"	50.0		90.3	57-141				
n-Butylbenzene	49.8		"	50.0		99.6	80-130				
n-Propylbenzene	48.8		"	50.0		97.6	74-136				
o-Xylene	48.4		"	50.0		96.9	83-123				
p- & m- Xylenes	92.5		"	100		92.5	82-128				
p-Isopropyltoluene	50.1		"	50.0		100	85-125				
sec-Butylbenzene	51.6		"	50.0		103	83-125				
Styrene	45.3		"	50.0		90.7	86-126				
tert-Butyl alcohol (TBA)	60.8		"	250		24.3	70-130	Low Bias			
tert-Butylbenzene	41.5		"	50.0		83.0	80-127				
Tetrachloroethylene	49.8		"	50.0		99.5	80-129				
Toluene	47.4		"	50.0		94.8	85-121				
trans-1,2-Dichloroethylene	46.4		"	50.0		92.9	72-132				
trans-1,3-Dichloropropylene	46.5		"	50.0		93.0	78-132				
Trichloroethylene	49.1		"	50.0		98.1	84-123				
Trichlorofluoromethane	52.3		"	50.0		105	62-140				
Vinyl Chloride	52.8		"	50.0		106	52-130				
Surrogate: 1,2-Dichloroethane-d4	*46.6*		*"*	*50.0*		*93.1*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
LCS Dup (BB80359-BSD1)								Prepared & Analyzed: 02/09/2018			
1,1,1,2-Tetrachloroethane	50.4		ug/L	50.0		101	75-129		0.810	30	
1,1,1-Trichloroethane	47.6		"	50.0		95.3	71-137		0.252	30	
1,1,2,2-Tetrachloroethane	48.1		"	50.0		96.3	79-129		0.395	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.7		"	50.0		97.4	58-146		2.39	30	
1,1,2-Trichloroethane	47.1		"	50.0		94.3	83-123		2.14	30	
1,1-Dichloroethane	46.5		"	50.0		93.0	75-130		5.25	30	
1,1-Dichloroethylene	45.9		"	50.0		91.7	64-137		3.07	30	
1,2,3-Trichlorobenzene	51.8		"	50.0		104	81-140		1.55	30	
1,2,3-Trichloropropane	47.4		"	50.0		94.7	81-126		5.47	30	
1,2,4-Trichlorobenzene	53.6		"	50.0		107	80-141		1.22	30	
1,2,4-Trimethylbenzene	48.9		"	50.0		97.9	84-125		2.42	30	
1,2-Dibromo-3-chloropropane	56.2		"	50.0		112	74-142		23.1	30	
1,2-Dibromoethane	46.4		"	50.0		92.8	86-123		2.87	30	
1,2-Dichlorobenzene	48.4		"	50.0		96.8	85-122		0.0827	30	
1,2-Dichloroethane	47.7		"	50.0		95.4	71-133		0.960	30	
1,2-Dichloropropane	44.6		"	50.0		89.2	81-122		0.514	30	
1,3,5-Trimethylbenzene	47.6		"	50.0		95.3	82-126		2.10	30	
1,3-Dichlorobenzene	49.5		"	50.0		99.0	84-124		1.38	30	
1,4-Dichlorobenzene	47.8		"	50.0		95.5	84-124		2.83	30	
1,4-Dioxane	910		"	1050		86.7	10-228		1.99	30	
2-Butanone	47.0		"	50.0		93.9	58-147		6.58	30	
2-Hexanone	44.5		"	50.0		89.0	70-139		4.55	30	
4-Methyl-2-pentanone	43.9		"	50.0		87.9	72-132		1.93	30	
Acetone	36.4		"	50.0		72.8	36-155		4.78	30	
Acrolein	48.4		"	50.0		96.9	10-238		13.7	30	
Acrylonitrile	45.7		"	50.0		91.5	66-141		2.08	30	
Benzene	47.5		"	50.0		95.0	77-127		1.15	30	
Bromochloromethane	47.2		"	50.0		94.3	74-129		6.76	30	
Bromodichloromethane	47.5		"	50.0		95.0	81-124		0.253	30	
Bromoform	50.7		"	50.0		101	80-136		0.963	30	
Bromomethane	46.1		"	50.0		92.2	32-177		6.00	30	
Carbon disulfide	51.2		"	50.0		102	10-136		4.09	30	
Carbon tetrachloride	48.6		"	50.0		97.1	66-143		2.02	30	
Chlorobenzene	48.0		"	50.0		96.0	86-120		0.963	30	
Chloroethane	48.9		"	50.0		97.8	51-142		3.35	30	
Chloroform	46.4		"	50.0		92.7	76-131		2.18	30	
Chloromethane	50.2		"	50.0		100	49-132		3.44	30	
cis-1,2-Dichloroethylene	47.0		"	50.0		94.1	74-132		1.79	30	
cis-1,3-Dichloropropylene	48.3		"	50.0		96.7	81-129		1.31	30	
Cyclohexane	48.6		"	50.0		97.3	70-130		0.0822	30	
Dibromochloromethane	52.3		"	50.0		105	10-200		0.0191	30	
Dibromomethane	46.5		"	50.0		93.0	83-124		4.96	30	
Dichlorodifluoromethane	67.1		"	50.0		134	28-158		3.86	30	
Ethyl Benzene	47.9		"	50.0		95.9	84-125		0.914	30	
Hexachlorobutadiene	55.5		"	50.0		111	83-133		3.50	30	
Isopropylbenzene	48.8		"	50.0		97.7	81-127		0.226	30	
Methyl acetate	41.6		"	50.0		83.3	41-143		2.48	30	
Methyl tert-butyl ether (MTBE)	49.3		"	50.0		98.7	74-131		0.687	30	
Methylcyclohexane	47.5		"	50.0		94.9	70-130		1.91	30	
Methylene chloride	46.1		"	50.0		92.2	57-141		2.08	30	
n-Butylbenzene	48.7		"	50.0		97.4	80-130		2.25	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
LCS Dup (BB80359-BSD1)								Prepared & Analyzed: 02/09/2018			
n-Propylbenzene	48.4		ug/L	50.0		96.9	74-136		0.720	30	
o-Xylene	48.7		"	50.0		97.4	83-123		0.576	30	
p- & m- Xylenes	93.0		"	100		93.0	82-128		0.518	30	
p-Isopropyltoluene	48.7		"	50.0		97.4	85-125		2.81	30	
sec-Butylbenzene	51.3		"	50.0		103	83-125		0.602	30	
Styrene	45.8		"	50.0		91.5	86-126		0.922	30	
tert-Butyl alcohol (TBA)	61.2		"	250		24.5	70-130	Low Bias	0.574	30	
tert-Butylbenzene	40.6		"	50.0		81.3	80-127		2.09	30	
Tetrachloroethylene	46.8		"	50.0		93.6	80-129		6.13	30	
Toluene	47.6		"	50.0		95.3	85-121		0.505	30	
trans-1,2-Dichloroethylene	46.1		"	50.0		92.2	72-132		0.757	30	
trans-1,3-Dichloropropylene	47.1		"	50.0		94.2	78-132		1.30	30	
Trichloroethylene	46.9		"	50.0		93.8	84-123		4.56	30	
Trichlorofluoromethane	51.4		"	50.0		103	62-140		1.78	30	
Vinyl Chloride	52.6		"	50.0		105	52-130		0.493	30	
Surrogate: 1,2-Dichloroethane-d4	*48.0*		*"*	*50.0*		*95.9*	*77-125*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80043 - EPA 3550C											
Blank (BB80043-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared: 02/01/2018 Analyzed: 02/02/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80043 - EPA 3550C											
Blank (BB80043-BLK1)											
Prepared: 02/01/2018 Analyzed: 02/02/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.23*		"	*2.55*		*87.4*	*20-108*				
Surrogate: Phenol-d5	*2.50*		"	*2.59*		*96.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.04*		"	*1.81*		*112*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.56*		"	*1.76*		*88.6*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.63*		"	*2.59*		*102*	*19-110*				
Surrogate: Terphenyl-d14	*1.27*		"	*1.69*		*75.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80043 - EPA 3550C											
LCS (BB80043-BS1)								Prepared: 02/01/2018 Analyzed: 02/02/2018			
1,1-Biphenyl	0.683	0.0417	mg/kg wet	0.833		82.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.698	0.0833	"	0.833		83.8	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.675	0.0417	"	0.833		81.0	17-137				
2,3,4,6-Tetrachlorophenol	0.613	0.0833	"	0.833		73.5	30-130				
2,4,5-Trichlorophenol	0.717	0.0417	"	0.833		86.1	27-118				
2,4,6-Trichlorophenol	0.731	0.0417	"	0.833		87.7	31-120				
2,4-Dichlorophenol	0.794	0.0417	"	0.833		95.3	20-127				
2,4-Dimethylphenol	0.728	0.0417	"	0.833		87.4	14-132				
2,4-Dinitrophenol	0.654	0.0833	"	0.833		78.5	10-171				
2,4-Dinitrotoluene	0.754	0.0417	"	0.833		90.5	34-131				
2,6-Dinitrotoluene	0.700	0.0417	"	0.833		84.0	31-128				
2-Chloronaphthalene	0.536	0.0417	"	0.833		64.4	31-117				
2-Chlorophenol	0.740	0.0417	"	0.833		88.8	33-113				
2-Methylnaphthalene	0.792	0.0417	"	0.833		95.0	12-138				
2-Methylphenol	0.770	0.0417	"	0.833		92.4	10-136				
2-Nitroaniline	0.750	0.0833	"	0.833		90.0	27-132				
2-Nitrophenol	0.854	0.0417	"	0.833		103	17-129				
3- & 4-Methylphenols	0.685	0.0417	"	0.833		82.2	29-103				
3,3-Dichlorobenzidine	0.649	0.0417	"	0.833		77.8	22-149				
3-Nitroaniline	0.615	0.0833	"	0.833		73.8	20-133				
4,6-Dinitro-2-methylphenol	0.821	0.0833	"	0.833		98.6	10-143				
4-Bromophenyl phenyl ether	0.677	0.0417	"	0.833		81.2	29-120				
4-Chloro-3-methylphenol	0.921	0.0417	"	0.833		110	24-129				
4-Chloroaniline	0.391	0.0417	"	0.833		46.9	10-132				
4-Chlorophenyl phenyl ether	0.705	0.0417	"	0.833		84.6	27-124				
4-Nitroaniline	0.739	0.0833	"	0.833		88.7	16-128				
4-Nitrophenol	0.878	0.0833	"	0.833		105	10-141				
Acenaphthene	0.677	0.0417	"	0.833		81.2	30-121				
Acenaphthylene	0.632	0.0417	"	0.833		75.9	30-115				
Acetophenone	0.808	0.0417	"	0.833		96.9	20-112				
Aniline	0.485	0.167	"	0.833		58.2	10-119				
Anthracene	0.705	0.0417	"	0.833		84.6	34-118				
Atrazine	0.852	0.0417	"	0.833		102	26-112				
Benzaldehyde	0.846	0.0417	"	0.833		101	21-100	High Bias			
Benzo(a)anthracene	0.778	0.0417	"	0.833		93.4	32-122				
Benzo(a)pyrene	0.776	0.0417	"	0.833		93.1	29-133				
Benzo(b)fluoranthene	0.711	0.0417	"	0.833		85.4	25-133				
Benzo(g,h,i)perylene	0.701	0.0417	"	0.833		84.2	10-143				
Benzo(k)fluoranthene	0.703	0.0417	"	0.833		84.4	25-128				
Benzoic acid	0.807	0.0417	"	0.967		83.4	10-140				
Benzyl alcohol	0.770	0.0417	"	0.833		92.4	30-115				
Benzyl butyl phthalate	0.852	0.0417	"	0.833		102	26-126				
Bis(2-chloroethoxy)methane	0.815	0.0417	"	0.833		97.8	19-132				
Bis(2-chloroethyl)ether	0.743	0.0417	"	0.833		89.2	19-125				
Bis(2-chloroisopropyl)ether	0.736	0.0417	"	0.833		88.4	20-135				
Bis(2-ethylhexyl)phthalate	0.860	0.0417	"	0.833		103	10-155				
Caprolactam	0.876	0.0833	"	0.833		105	10-127				
Carbazole	0.613	0.0417	"	0.833		73.6	35-123				
Chrysene	0.701	0.0417	"	0.833		84.2	32-123				
Dibenzo(a,h)anthracene	0.712	0.0417	"	0.833		85.4	10-136				
Dibenzofuran	0.679	0.0417	"	0.833		81.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80043 - EPA 3550C											
LCS (BB80043-BS1)									Prepared: 02/01/2018 Analyzed: 02/02/2018		
Diethyl phthalate	0.697	0.0417	mg/kg wet	0.833		83.7	34-116				
Dimethyl phthalate	0.689	0.0417	"	0.833		82.6	35-124				
Di-n-butyl phthalate	0.732	0.0417	"	0.833		87.8	31-116				
Di-n-octyl phthalate	0.857	0.0417	"	0.833		103	26-136				
Diphenylamine	0.873	0.0833	"	0.833		105	40-140				
Fluoranthene	0.768	0.0417	"	0.833		92.1	33-122				
Fluorene	0.703	0.0417	"	0.833		84.4	29-123				
Hexachlorobenzene	0.583	0.0417	"	0.833		70.0	21-124				
Hexachlorobutadiene	0.623	0.0417	"	0.833		74.7	10-149				
Hexachlorocyclopentadiene	0.287	0.0417	"	0.833		34.4	10-129				
Hexachloroethane	0.635	0.0417	"	0.833		76.2	28-108				
Indeno(1,2,3-cd)pyrene	0.692	0.0417	"	0.833		83.0	10-135				
Isophorone	0.712	0.0417	"	0.833		85.4	20-132				
Naphthalene	0.746	0.0417	"	0.833		89.6	23-124				
Nitrobenzene	0.674	0.0417	"	0.833		80.9	13-132				
N-Nitrosodimethylamine	0.600	0.0417	"	0.833		72.0	11-129				
N-nitroso-di-n-propylamine	0.783	0.0417	"	0.833		94.0	24-119				
N-Nitrosodiphenylamine	0.920	0.0417	"	0.833		110	22-152				
Pentachlorophenol	0.395	0.0417	"	0.833		47.4	10-139				
Phenanthrene	0.718	0.0417	"	0.833		86.2	33-123				
Phenol	0.668	0.0417	"	0.833		80.2	23-115				
Pyrene	0.719	0.0417	"	0.833		86.2	32-130				
Pyridine	0.555	0.167	"	0.833		66.6	10-91				
Surrogate: 2-Fluorophenol	*1.96*		"	*2.55*		*77.1*	*20-108*				
Surrogate: Phenol-d5	*2.33*		"	*2.59*		*90.0*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.71*		"	*1.81*		*94.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.29*		"	*1.76*		*73.2*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.42*		"	*2.59*		*93.4*	*19-110*				
Surrogate: Terphenyl-d14	*1.08*		"	*1.69*		*64.0*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared & Analyzed: 02/08/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)											Prepared & Analyzed: 02/08/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.55*		"	*2.52*		*101*	*20-108*				
Surrogate: Phenol-d5	*2.60*		"	*2.55*		*102*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.24*		"	*1.69*		*133*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.75*		"	*1.83*		*95.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.28*		"	*2.53*		*129*	*19-110*				
Surrogate: Terphenyl-d14	*1.61*		"	*1.77*		*91.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)								Prepared & Analyzed: 02/08/2018			
1,1-Biphenyl	0.832	0.0417	mg/kg wet	0.833		99.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.926	0.0833	"	0.833		111	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.859	0.0417	"	0.833		103	17-137				
2,3,4,6-Tetrachlorophenol	0.813	0.0833	"	0.833		97.6	30-130				
2,4,5-Trichlorophenol	0.894	0.0417	"	0.833		107	27-118				
2,4,6-Trichlorophenol	0.929	0.0417	"	0.833		112	31-120				
2,4-Dichlorophenol	0.937	0.0417	"	0.833		112	20-127				
2,4-Dimethylphenol	0.873	0.0417	"	0.833		105	14-132				
2,4-Dinitrophenol	0.944	0.0833	"	0.833		113	10-171				
2,4-Dinitrotoluene	0.924	0.0417	"	0.833		111	34-131				
2,6-Dinitrotoluene	0.912	0.0417	"	0.833		109	31-128				
2-Chloronaphthalene	0.663	0.0417	"	0.833		79.6	31-117				
2-Chlorophenol	0.791	0.0417	"	0.833		94.9	33-113				
2-Methylnaphthalene	0.907	0.0417	"	0.833		109	12-138				
2-Methylphenol	0.866	0.0417	"	0.833		104	10-136				
2-Nitroaniline	0.887	0.0833	"	0.833		106	27-132				
2-Nitrophenol	0.929	0.0417	"	0.833		111	17-129				
3- & 4-Methylphenols	0.787	0.0417	"	0.833		94.4	29-103				
3,3-Dichlorobenzidine	0.801	0.0417	"	0.833		96.1	22-149				
3-Nitroaniline	0.639	0.0833	"	0.833		76.7	20-133				
4,6-Dinitro-2-methylphenol	1.11	0.0833	"	0.833		133	10-143				
4-Bromophenyl phenyl ether	0.929	0.0417	"	0.833		111	29-120				
4-Chloro-3-methylphenol	1.08	0.0417	"	0.833		130	24-129	High Bias			
4-Chloroaniline	0.528	0.0417	"	0.833		63.4	10-132				
4-Chlorophenyl phenyl ether	0.842	0.0417	"	0.833		101	27-124				
4-Nitroaniline	0.788	0.0833	"	0.833		94.5	16-128				
4-Nitrophenol	1.13	0.0833	"	0.833		136	10-141				
Acenaphthene	0.810	0.0417	"	0.833		97.2	30-121				
Acenaphthylene	0.751	0.0417	"	0.833		90.1	30-115				
Acetophenone	0.937	0.0417	"	0.833		112	20-112				
Aniline	0.689	0.167	"	0.833		82.6	10-119				
Anthracene	0.899	0.0417	"	0.833		108	34-118				
Atrazine	1.07	0.0417	"	0.833		128	26-112	High Bias			
Benzaldehyde	0.917	0.0417	"	0.833		110	21-100	High Bias			
Benzo(a)anthracene	0.980	0.0417	"	0.833		118	32-122				
Benzo(a)pyrene	0.979	0.0417	"	0.833		117	29-133				
Benzo(b)fluoranthene	0.904	0.0417	"	0.833		109	25-133				
Benzo(g,h,i)perylene	0.933	0.0417	"	0.833		112	10-143				
Benzo(k)fluoranthene	0.899	0.0417	"	0.833		108	25-128				
Benzoic acid	1.20	0.0417	"	0.967		124	10-140				
Benzyl alcohol	0.847	0.0417	"	0.833		102	30-115				
Benzyl butyl phthalate	1.09	0.0417	"	0.833		131	26-126	High Bias			
Bis(2-chloroethoxy)methane	0.937	0.0417	"	0.833		112	19-132				
Bis(2-chloroethyl)ether	0.842	0.0417	"	0.833		101	19-125				
Bis(2-chloroisopropyl)ether	0.831	0.0417	"	0.833		99.7	20-135				
Bis(2-ethylhexyl)phthalate	1.11	0.0417	"	0.833		133	10-155				
Caprolactam	1.14	0.0833	"	0.833		137	10-127	High Bias			
Carbazole	0.765	0.0417	"	0.833		91.8	35-123				
Chrysene	0.860	0.0417	"	0.833		103	32-123				
Dibenzo(a,h)anthracene	0.973	0.0417	"	0.833		117	10-136				
Dibenzofuran	0.818	0.0417	"	0.833		98.1	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)									Prepared & Analyzed: 02/08/2018		
Diethyl phthalate	0.826	0.0417	mg/kg wet	0.833		99.2	34-116				
Dimethyl phthalate	0.822	0.0417	"	0.833		98.7	35-124				
Di-n-butyl phthalate	0.890	0.0417	"	0.833		107	31-116				
Di-n-octyl phthalate	1.07	0.0417	"	0.833		128	26-136				
Diphenylamine	1.08	0.0833	"	0.833		130	40-140				
Fluoranthene	0.919	0.0417	"	0.833		110	33-122				
Fluorene	0.807	0.0417	"	0.833		96.9	29-123				
Hexachlorobenzene	0.775	0.0417	"	0.833		93.0	21-124				
Hexachlorobutadiene	0.730	0.0417	"	0.833		87.6	10-149				
Hexachlorocyclopentadiene	0.366	0.0417	"	0.833		43.9	10-129				
Hexachloroethane	0.676	0.0417	"	0.833		81.1	28-108				
Indeno(1,2,3-cd)pyrene	0.948	0.0417	"	0.833		114	10-135				
Isophorone	0.805	0.0417	"	0.833		96.6	20-132				
Naphthalene	0.826	0.0417	"	0.833		99.1	23-124				
Nitrobenzene	0.780	0.0417	"	0.833		93.6	13-132				
N-Nitrosodimethylamine	0.745	0.0417	"	0.833		89.4	11-129				
N-nitroso-di-n-propylamine	0.927	0.0417	"	0.833		111	24-119				
N-Nitrosodiphenylamine	1.13	0.0417	"	0.833		135	22-152				
Pentachlorophenol	0.717	0.0417	"	0.833		86.1	10-139				
Phenanthrene	0.922	0.0417	"	0.833		111	33-123				
Phenol	0.791	0.0417	"	0.833		94.9	23-115				
Pyrene	0.969	0.0417	"	0.833		116	32-130				
Pyridine	0.529	0.167	"	0.833		63.4	10-91				
Surrogate: 2-Fluorophenol	*2.33*		"	*2.52*		*92.7*	*20-108*				
Surrogate: Phenol-d5	*2.46*		"	*2.55*		*96.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.89*		"	*1.69*		*112*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.44*		"	*1.83*		*79.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.92*		"	*2.53*		*115*	*19-110*				
Surrogate: Terphenyl-d14	*1.42*		"	*1.77*		*80.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80043 - EPA 3550C											
Blank (BB80043-BLK1)									Prepared: 02/01/2018 Analyzed: 02/02/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)									Prepared & Analyzed: 02/08/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80102 - EPA 3550C											
Blank (BB80102-BLK1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0585*		"	*0.0667*		*87.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0411*		"	*0.0667*		*61.6*	*30-150*				
LCS (BB80102-BS1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
4,4'-DDD	0.0311	0.000330	mg/kg wet	0.0333		93.4	40-140				
4,4'-DDE	0.0278	0.000330	"	0.0333		83.4	40-140				
4,4'-DDT	0.0306	0.000330	"	0.0333		91.8	40-140				
Aldrin	0.0320	0.000330	"	0.0333		96.0	40-140				
alpha-BHC	0.0317	0.000330	"	0.0333		95.2	40-140				
alpha-Chlordane	0.0311	0.000330	"	0.0333		93.3	40-140				
beta-BHC	0.0315	0.000330	"	0.0333		94.5	40-140				
delta-BHC	0.0343	0.000330	"	0.0333		103	40-140				
Dieldrin	0.0336	0.000330	"	0.0333		101	40-140				
Endosulfan I	0.0396	0.000330	"	0.0333		119	40-140				
Endosulfan II	0.0353	0.000330	"	0.0333		106	40-140				
Endosulfan sulfate	0.0340	0.000330	"	0.0333		102	40-140				
Endrin	0.0315	0.000330	"	0.0333		94.6	40-140				
Endrin aldehyde	0.0341	0.000330	"	0.0333		102	40-140				
Endrin ketone	0.0365	0.000330	"	0.0333		110	40-140				
gamma-BHC (Lindane)	0.0308	0.000330	"	0.0333		92.3	40-140				
gamma-Chlordane	0.0306	0.000330	"	0.0333		91.8	40-140				
Heptachlor	0.0273	0.000330	"	0.0333		81.8	40-140				
Heptachlor epoxide	0.0296	0.000330	"	0.0333		88.7	40-140				
Methoxychlor	0.0238	0.00165	"	0.0333		71.3	40-140				
Surrogate: Decachlorobiphenyl	*0.0734*		"	*0.0667*		*110*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0565*		"	*0.0667*		*84.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80300 - EPA 3550C											
Blank (BB80300-BLK1)											Prepared & Analyzed: 02/08/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0680*		*"*	*0.0697*		*97.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0605*		*"*	*0.0673*		*89.9*	*30-150*				
LCS (BB80300-BS1)											Prepared & Analyzed: 02/08/2018
4,4'-DDD	0.0358	0.000330	mg/kg wet	0.0333		107	40-140				
4,4'-DDE	0.0307	0.000330	"	0.0333		92.2	40-140				
4,4'-DDT	0.0326	0.000330	"	0.0333		97.9	40-140				
Aldrin	0.0364	0.000330	"	0.0333		109	40-140				
alpha-BHC	0.0382	0.000330	"	0.0333		114	40-140				
alpha-Chlordane	0.0334	0.000330	"	0.0333		100	40-140				
beta-BHC	0.0372	0.000330	"	0.0333		112	40-140				
delta-BHC	0.0396	0.000330	"	0.0333		119	40-140				
Dieldrin	0.0364	0.000330	"	0.0333		109	40-140				
Endosulfan I	0.0419	0.000330	"	0.0333		126	40-140				
Endosulfan II	0.0374	0.000330	"	0.0333		112	40-140				
Endosulfan sulfate	0.0365	0.000330	"	0.0333		109	40-140				
Endrin	0.0340	0.000330	"	0.0333		102	40-140				
Endrin aldehyde	0.0340	0.000330	"	0.0333		102	40-140				
Endrin ketone	0.0390	0.000330	"	0.0333		117	40-140				
gamma-BHC (Lindane)	0.0363	0.000330	"	0.0333		109	40-140				
gamma-Chlordane	0.0338	0.000330	"	0.0333		101	40-140				
Heptachlor	0.0328	0.000330	"	0.0333		98.4	40-140				
Heptachlor epoxide	0.0337	0.000330	"	0.0333		101	40-140				
Methoxychlor	0.0277	0.00165	"	0.0333		83.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0599*		*"*	*0.0697*		*86.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0673*		*93.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)							Prepared & Analyzed: 11/27/2017				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B0601 - BL70213											
Performance Mix (Y8B0601-PEM1)							Prepared & Analyzed: 02/05/2018				
4,4'-DDD	6.76		ng/mL	0.00			0-200				
4,4'-DDE	0.563		"	0.00			0-200				
4,4'-DDT	116		"	200		58.0	0-200				
Endrin	78.8		"	100		78.8	0-200				
Endrin aldehyde	1.15		"	0.00			0-200				
Endrin ketone	6.40		"	0.00			0-200				
Batch Y8B0704 - BL70213											
Performance Mix (Y8B0704-PEM1)							Prepared & Analyzed: 02/06/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.539		"	0.00			0-200				
4,4'-DDT	129		"	200		64.3	0-200				
Endrin	103		"	100		103	0-200				
Endrin aldehyde	1.22		"	0.00			0-200				
Endrin ketone	6.22		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B0704 - BL70213											
Performance Mix (Y8B0704-PEM2)								Prepared & Analyzed: 02/06/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.600		"	0.00			0-200				
4,4'-DDT	176		"	200		87.9	0-200				
Endrin	116		"	100		116	0-200				
Endrin aldehyde	2.13		"	0.00			0-200				
Endrin ketone	7.41		"	0.00			0-200				
Batch Y8B0908 - BL70213											
Performance Mix (Y8B0908-PEM1)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.707		"	0.00			0-200				
4,4'-DDT	160		"	200		79.8	0-200				
Endrin	133		"	100		133	0-200				
Endrin aldehyde	1.31		"	0.00			0-200				
Endrin ketone	9.71		"	0.00			0-200				
Performance Mix (Y8B0908-PEM2)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.786		"	0.00			0-200				
4,4'-DDT	224		"	200		112	0-200				
Endrin	164		"	100		164	0-200				
Endrin aldehyde	1.81		"	0.00			0-200				
Endrin ketone	10.8		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80102 - EPA 3550C											
Blank (BB80102-BLK2)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0667*		*83.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0437*		*"*	*0.0667*		*65.5*	*30-140*				
LCS (BB80102-BS2)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Aroclor 1016	0.380	0.0167	mg/kg wet	0.333		114	40-130				
Aroclor 1260	0.363	0.0167	"	0.333		109	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0683*		*"*	*0.0667*		*102*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0580*		*"*	*0.0667*		*87.0*	*30-140*				
Batch BB80300 - EPA 3550C											
Blank (BB80300-BLK2)											Prepared & Analyzed: 02/08/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0700*		*"*	*0.0673*		*104*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0543*		*"*	*0.0697*		*78.0*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80300 - EPA 3550C											
LCS (BB80300-BS2)							Prepared & Analyzed: 02/08/2018				
Aroclor 1016	0.303	0.0167	mg/kg wet	0.333		90.9	40-130				
Aroclor 1260	0.313	0.0167	"	0.333		93.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0513*		*"*	*0.0673*		*76.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0697*		*70.8*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80115 - EPA 3550B/8151A											
Blank (BB80115-BLK1)								Prepared & Analyzed: 02/05/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.388*		*"*	*0.500*		*77.6*	*30-150*				
LCS (BB80115-BS1)								Prepared & Analyzed: 02/05/2018			
2,4,5-T	0.124	0.0200	mg/kg wet	0.160		77.5	40-140				
2,4,5-TP (Silvex)	0.128	0.0200	"	0.160		80.0	40-140				
2,4-D	0.115	0.0200	"	0.160		71.9	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.459*		*"*	*0.500*		*91.8*	*30-150*				
Matrix Spike (BB80115-MS1)	*Source sample: 18A1092-02 (SB116_0-1)							Prepared & Analyzed: 02/05/2018			
2,4,5-T	0.134	0.0228	mg/kg dry	0.183	ND	73.1	30-150				
2,4,5-TP (Silvex)	0.142	0.0228	"	0.183	ND	77.5	30-150				
2,4-D	0.127	0.0228	"	0.183	ND	69.4	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.522*		*"*	*0.571*		*91.4*	*30-150*				
Matrix Spike Dup (BB80115-MSD1)	*Source sample: 18A1092-02 (SB116_0-1)							Prepared & Analyzed: 02/05/2018			
2,4,5-T	0.137	0.0228	mg/kg dry	0.183	ND	75.0	30-150		2.53	35	
2,4,5-TP (Silvex)	0.144	0.0228	"	0.183	ND	78.7	30-150		1.60	35	
2,4-D	0.130	0.0228	"	0.183	ND	71.3	30-150		2.67	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.535*		*"*	*0.571*		*93.8*	*30-150*				
Batch BB80354 - EPA 3550B/8151A											
Blank (BB80354-BLK1)								Prepared & Analyzed: 02/09/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.547*		*"*	*0.500*		*109*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80354 - EPA 3550B/8151A											
LCS (BB80354-BS1)							Prepared & Analyzed: 02/09/2018				
2,4,5-T	0.157	0.0200	mg/kg wet	0.160		98.1	40-140				
2,4,5-TP (Silvex)	0.160	0.0200	"	0.160		100	40-140				
2,4-D	0.149	0.0200	"	0.160		93.1	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.570*		*"*	*0.500*		*114*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80020 - EPA 3050B											
Blank (BB80020-BLK1)											Prepared: 02/01/2018 Analyzed: 02/02/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.00	"								
Arsenic	ND	2.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	8.99	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	2.00	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	30.0	"								
Selenium	ND	2.00	"								
Silver	ND	0.500	"								
Sodium	28.7	15.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BB80020-SRM1)											Prepared: 02/01/2018 Analyzed: 02/02/2018
Aluminum	6930	5.00	mg/kg wet	8090		85.7	49.8-149.6				
Antimony	94.1	2.00	"	99.3		94.7	0.5-207.5				
Arsenic	104	2.00	"	100		104	80.9-120				
Barium	215	1.00	"	217		99.3	81.6-118.4				
Beryllium	151	0.100	"	147		103	81.6-119.1				
Cadmium	82.6	0.300	"	83.7		98.7	81.2-118.9				
Calcium	6290	5.00	"	6010		105	80.9-119				
Chromium	102	0.500	"	107		95.2	77.5-121.5				
Cobalt	127	0.500	"	123		103	82.1-117.9				
Copper	173	0.500	"	166		104	80.7-118.7				
Iron	11900	2.00	"	14600		81.4	45.1-154.8				
Lead	91.4	2.00	"	88.4		103	81.2-118.8				
Magnesium	2700	5.00	"	2930		92.1	74.7-125.3				
Manganese	318	0.500	"	311		102	80.1-119.9				
Nickel	55.4	0.500	"	49.8		111	80.9-118.9				
Potassium	2300	30.0	"	2620		88.0	69.1-130.9				
Selenium	92.7	2.00	"	87.7		106	76.1-124.3				
Silver	39.3	0.500	"	41.4		94.9	73.7-126.1				
Sodium	243	15.0	"	252		96.5	69.1-131.4				
Thallium	57.4	1.00	"	58.1		98.8	77.6-122.6				
Vanadium	136	1.00	"	140		97.4	76.4-122.9				
Zinc	143	1.50	"	145		98.8	82.1-117.9				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80306 - EPA 3050B											
Blank (BB80306-BLK1)											Prepared: 02/08/2018 Analyzed: 02/13/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.00	"								
Arsenic	ND	2.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	50.0	"								
Lead	ND	2.00	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	30.0	"								
Selenium	ND	2.00	"								
Silver	ND	0.500	"								
Sodium	1050	15.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BB80306-SRM1)											Prepared: 02/08/2018 Analyzed: 02/13/2018
Aluminum	7000	5.00	mg/kg wet	8090		86.5	49.8-149.6				
Antimony	77.6	2.00	"	99.3		78.2	0.5-207.5				
Arsenic	112	2.00	"	100		112	80.9-120				
Barium	230	1.00	"	217		106	81.6-118.4				
Beryllium	152	0.100	"	147		103	81.6-119.1				
Cadmium	91.9	0.300	"	83.7		110	81.2-118.9				
Calcium	6370	5.00	"	6010		106	80.9-119				
Chromium	111	0.500	"	107		104	77.5-121.5				
Cobalt	138	0.500	"	123		112	82.1-117.9				
Copper	194	0.500	"	166		117	80.7-118.7				
Iron	11700	50.0	"	14600		80.1	45.1-154.8				
Lead	103	2.00	"	88.4		117	81.2-118.8				
Magnesium	3190	5.00	"	2930		109	74.7-125.3				
Manganese	325	0.500	"	311		105	80.1-119.9				
Nickel	62.2	0.500	"	49.8		125	80.9-118.9	High Bias			
Potassium	2980	30.0	"	2620		114	69.1-130.9				
Selenium	102	2.00	"	87.7		116	76.1-124.3				
Silver	42.0	0.500	"	41.4		101	73.7-126.1				
Sodium	503	15.0	"	252		199	69.1-131.4	High Bias			
Thallium	59.9	1.00	"	58.1		103	77.6-122.6				
Vanadium	138	1.00	"	140		98.5	76.4-122.9				
Zinc	152	1.50	"	145		105	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80019 - EPA 7473 soil											
Blank (BB80019-BLK1)								Prepared & Analyzed: 02/01/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BB80019-SRM1)								Prepared & Analyzed: 02/01/2018			
Mercury	12.705		mg/kg	13.8		92.1	57.1-143.5				
Batch BB80304 - EPA 7473 soil											
Blank (BB80304-BLK1)								Prepared & Analyzed: 02/08/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BB80304-SRM1)								Prepared & Analyzed: 02/08/2018			
Mercury	13.241		mg/kg	13.8		95.9	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80014 - EPA SW846-3060											
Blank (BB80014-BLK1)											Prepared & Analyzed: 02/01/2018
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BB80014-SRM1)											Prepared & Analyzed: 02/01/2018
Chromium, Hexavalent	151		mg/L	207		72.9	40.5-101.9				
Batch BB80025 - Analysis Preparation Soil											
Blank (BB80025-BLK1)											Prepared & Analyzed: 02/01/2018
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BB80025-SRM1)											Prepared & Analyzed: 02/01/2018
Cyanide, total	48.2		ug/mL	62.8		76.8	6.37-86				
Batch BB80302 - Analysis Preparation Soil											
Blank (BB80302-BLK1)											Prepared & Analyzed: 02/08/2018
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BB80302-SRM1)											Prepared & Analyzed: 02/08/2018
Cyanide, total	43.1		ug/mL	62.8		68.6	6.37-86				
Batch BB80303 - EPA SW846-3060											
Blank (BB80303-BLK1)											Prepared & Analyzed: 02/08/2018
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80303 - EPA SW846-3060											
Reference (BB80303-SRM1)								Prepared & Analyzed: 02/08/2018			
Chromium, Hexavalent	93.6		mg/L	207		45.2	40.5-101.9				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18A1092-01	EBTB03_013118	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18A1092-02	SB116_0-1	40mL Vial with Stir Bar-Cool 4° C
18A1092-03	SB116_9-10	40mL 01_Clear Vial Cool to 4° C
18A1092-04	SB116_15-17	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-Jar	VOA sample was taken from a container noncompliant with SW-846 5035A due to a depletion of low-level vials. Results below 200 ug/Kg may be biased low.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include additional samples.

YORK ANALYTICAL LABORATORIES INC
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18A1092

YOUR Information

Company: LANGAN ENGINEERING
Address: 360 W 31ST ST 8FL
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SLNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

1703094501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)
Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
EBTB03_013118	01/31/18	S	TCL +30 VOCs ~~+SVOCs, PCBs, pest, herb, TAL Metals, Cr6+, Cr~~ 3+ IN	~~2~~ 40mL
SB116-0-1	01/31/18 1030	S	TCL +30 VOCs +SVOCs, PCBs, ppst, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB116_9-10	01/31/18 1040	S	TCL+30 VOCs+SVOCs, PCBs, ppst, herb, TAL Metals, Cr^{6+} Cr^{3+} - HOLD	4 40mL, 2 8oz
SB116-15-17	01/31/18 1230	S	TCL+30 VOCs+SVOCs, PCBs, ppst, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB115-40-42	01/31/18 0940	S	TCL+30 VOCs+SVOCs, PCBs, ppst, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4 40mL, 2 8oz

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 01/31/18 1450
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 1/31/18 1450
Samples Received in LAB by TC — Date/Time: 1/31/18 1826

Temperature on Receipt 2.6 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/16/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0037

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 02/16/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0037

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 01, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0037-01	SB116_30-31	Soil	02/01/2018	02/01/2018
18B0037-02	SB116_33-34	Soil	02/01/2018	02/01/2018
18B0037-03	SB116_37-38	Soil	02/01/2018	02/01/2018
18B0037-04	SB116_42-43	Soil	02/01/2018	02/01/2018

General Notes for York Project (SDG) No.: 18B0037

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

Approved By:

Date: 02/16/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**98**		mg/kg dry	1.4	2.8	500	EPA 8260C	02/07/2018 07:30	02/07/2018 12:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**31**		mg/kg dry	1.4	2.8	500	EPA 8260C	02/07/2018 07:30	02/07/2018 12:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	8.2	16	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.82	1.6	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.82	1.6	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**27**		mg/kg dry	1.4	2.8	500	EPA 8260C	02/07/2018 07:30	02/07/2018 12:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**7.6**		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**18**		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.82	1.6	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**11**		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**29**		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**23**		mg/kg dry	1.4	2.8	500	EPA 8260C	02/07/2018 07:30	02/07/2018 12:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**92**		mg/kg dry	2.8	5.5	500	EPA 8260C	02/07/2018 07:30	02/07/2018 12:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**1.4**		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**3.8**		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.41	0.82	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**110**		mg/kg dry	4.1	8.3	500	EPA 8260C	02/07/2018 07:30	02/07/2018 12:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Ethyl Methyl Benzene isomer**	**54000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:			
142-82-5	**Heptane**	**82000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:			
NA	**methyl Heptane isomers**	**52000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:			
NA	**methyl hexane isomers**	**320000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:			
NA	**methyl propyl benzene isomer**	**63000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:			
NA	**trimethyl Hexane isomer**	**73000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:			
NA	**trimethyl Pentane isomer**	**120000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:16	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.0536**	J	mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**2.34**		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0529**	J	mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0919	0.184	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**4.38**		mg/kg dry	0.115	0.230	5	EPA 8270D	02/02/2018 08:17	02/05/2018 19:55	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0919	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*72.9 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*72.9 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*98.3 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.5 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*77.1 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*59.6 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Indane**	**3010**	N	ug/kg dry			2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:			
NA	**methyl propyl benzene isomer**	**13700**	N	ug/kg dry			2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:			
NA	**Tetramethyl Benzene isomer**	**2790**	N	ug/kg dry			2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:			
NA	**Unknown aliphatic hydrocarbon**	**1100**	N	ug/kg dry			2	EPA 8270D	02/02/2018 08:17	02/04/2018 22:37	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00909	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0920	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:05	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:12	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.5 %*	*30-140*

Herbicides, Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	02/05/2018 03:44	02/05/2018 12:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	02/05/2018 03:44	02/05/2018 12:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	02/05/2018 03:44	02/05/2018 12:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*27.0 %*	A-01	*30-150*

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6880**	B	mg/kg dry	11.0	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.04**		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**45.1**		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1360**	B	mg/kg dry	72.7	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.8**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.60**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.5**	B	mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13300**	B	mg/kg dry	6.61	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.4**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3200**	B	mg/kg dry	16.5	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**394**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**42.8**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1260**		mg/kg dry	5.51	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**205**	B	mg/kg dry	16.5	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.5**		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**39.2**		mg/kg dry	1.65	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB116_30-31 **York Sample ID:** 18B0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:00 am	02/01/2018

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0331	1	EPA 7473	02/02/2018 09:19	02/02/2018 11:10	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	02/06/2018 12:17	02/06/2018 15:05	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	02/02/2018 08:21	02/02/2018 15:09	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.8**		mg/kg	0.500	1	Calculation	02/08/2018 11:42	02/08/2018 11:47	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.551	1	EPA 9014/9010C	02/05/2018 06:57	02/05/2018 15:18	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB116_33-34** **York Sample ID:** **18B0037-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**64**		mg/kg dry	1.1	2.2	500	EPA 8260C	02/07/2018 07:30	02/07/2018 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**20**		mg/kg dry	1.1	2.2	500	EPA 8260C	02/07/2018 07:30	02/07/2018 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	4.4	8.8	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.44	0.88	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.44	0.88	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**25**		mg/kg dry	1.1	2.2	500	EPA 8260C	02/07/2018 07:30	02/07/2018 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**3.3**		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**8.0**		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.44	0.88	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**5.4**		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**13**		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**24**		mg/kg dry	1.1	2.2	500	EPA 8260C	02/07/2018 07:30	02/07/2018 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**75**		mg/kg dry	2.2	4.4	500	EPA 8260C	02/07/2018 07:30	02/07/2018 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**0.77**		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**1.8**		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.55**		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**99**		mg/kg dry	3.3	6.6	500	EPA 8260C	02/07/2018 07:30	02/07/2018 13:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Ethyl Dimethyl Benzene isomer**	**11000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**25000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:			
NA	**Methyl (methylethyl) benzene isomer**	**18000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:			
NA	**methyl hexane isomers**	**24000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:			
NA	**methyl Octane isomer**	**11000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:			
NA	**methyl propyl benzene isomer**	**30000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:			
NA	**Trimethyl Benzene isomer**	**24000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:			
NA	**Trimethyl pentane isomers**	**29000**	N	ug/kg dry			100	EPA 8260C	02/06/2018 07:30	02/06/2018 13:49	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.0491**	J	mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**1.52**		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**2.63**		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0459	0.0917	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*70.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*70.3 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*94.2 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.5 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.1 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*57.7 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Indane**	**1610**	N	ug/kg dry			2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:			
NA	**methyl propenyl benzene isomer**	**7330**	N	ug/kg dry			2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:			
NA	**methyl propyl benzene isomer**	**7470**		ug/kg dry			2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:			
NA	**Tetramethyl Benzene isomer**	**2420**	N	ug/kg dry			2	EPA 8270D	02/02/2018 08:17	02/04/2018 23:08	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00910	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0921	5	EPA 8081B	02/02/2018 13:18	02/05/2018 14:20	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.3 %*	*30-150*

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:36	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/02/2018 13:18	02/05/2018 13:36	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	02/05/2018 03:44	02/05/2018 12:15	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	02/05/2018 03:44	02/05/2018 12:15	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	02/05/2018 03:44	02/05/2018 12:15	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*85.4 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4980**	B	mg/kg dry	11.0	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.648**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**33.8**		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1560**	B	mg/kg dry	72.8	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.8**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.14**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.2**	B	mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**9530**	B	mg/kg dry	6.62	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.87**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3290**	B	mg/kg dry	16.5	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**320**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**49.6**		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1020**		mg/kg dry	5.51	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**213**	B	mg/kg dry	16.5	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.4**		mg/kg dry	1.10	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**30.5**		mg/kg dry	1.65	1	EPA 6010C	02/02/2018 09:20	02/05/2018 22:42	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB116_33-34 **York Sample ID:** 18B0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:15 am	02/01/2018

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0331	1	EPA 7473	02/02/2018 09:19	02/02/2018 11:19	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.7**		%	0.100	1	SM 2540G	02/06/2018 12:17	02/06/2018 15:05	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	02/02/2018 08:21	02/02/2018 15:09	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.8**		mg/kg	0.500	1	Calculation	02/08/2018 11:42	02/08/2018 11:47	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.551	1	EPA 9014/9010C	02/05/2018 06:57	02/05/2018 15:18	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB116_37-38** **York Sample ID:** **18B0037-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:35 am	02/01/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**44**		mg/kg dry	0.69	1.4	250	EPA 8260C	02/15/2018 07:30	02/15/2018 16:50	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**14**		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	5.4	11	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_37-38 **York Sample ID:** 18B0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:35 am	02/01/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.54	1.1	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.54	1.1	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_37-38 **York Sample ID:** 18B0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:35 am	02/01/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**12**		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**2.7**		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**5.3**		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.54	1.1	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**4.4**		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**9.2**		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**12**		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**29**	SCAL-E	mg/kg dry	0.54	1.1	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**0.56**		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**1.6**		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_37-38 **York Sample ID:** 18B0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 11:35 am	02/01/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.27	0.54	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**41**		mg/kg dry	0.80	1.6	100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*83.8 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*95.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dimethyl Heptane isomer**	**10000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:			
NA	**Ethyl Dimethyl Benzene isomers**	**20000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**17000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:			
142-82-5	**Heptane**	**7700**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:			
NA	**Methyl Hexane isomer**	**8900**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:			
NA	**methyl propyl benzene isomer**	**13000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:			
NA	**Tetramethyl Benzene isomer**	**8000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:			
NA	**Trimethyl Benzene isomer**	**14000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:			
NA	**trimethyl Pentane isomer**	**12000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 13:46	SS
								Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.3**		%	0.100	1	SM 2540G	02/12/2018 10:18	02/12/2018 16:23	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: **SB116_42-43** **York Sample ID:** **18B0037-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 2:20 pm	02/01/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.0043**	J	mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_42-43 **York Sample ID:** 18B0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 2:20 pm	02/01/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0062**	J	mg/kg dry	0.0051	0.010	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_42-43 **York Sample ID:** 18B0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 2:20 pm	02/01/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0051**	J	mg/kg dry	0.0051	0.010	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB116_42-43 **York Sample ID:** 18B0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0037	170384501	Soil	February 1, 2018 2:20 pm	02/01/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/14/2018 07:30	02/14/2018 14:16	SS
								Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.0**		%	0.100	1	SM 2540G	02/12/2018 10:18	02/12/2018 16:23	TAJ
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BB80072 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01	SB116_30-31	02/02/18
18B0037-01	SB116_30-31	02/02/18
18B0037-01RE1	SB116_30-31	02/02/18
18B0037-02	SB116_33-34	02/02/18
18B0037-02	SB116_33-34	02/02/18
BB80072-BLK1	Blank	02/02/18
BB80072-BLK1	Blank	02/02/18
BB80072-BS1	LCS	02/02/18

Batch ID: BB80073 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01	SB116_30-31	02/02/18
18B0037-02	SB116_33-34	02/02/18
BB80073-BLK1	Blank	02/02/18
BB80073-SRM1	Reference	02/02/18

Batch ID: BB80077 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01	SB116_30-31	02/02/18
18B0037-02	SB116_33-34	02/02/18
BB80077-BLK1	Blank	02/02/18
BB80077-SRM1	Reference	02/02/18

Batch ID: BB80078 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01	SB116_30-31	02/02/18
18B0037-02	SB116_33-34	02/02/18
BB80078-BLK1	Blank	02/02/18
BB80078-SRM1	Reference	02/02/18

Batch ID: BB80102 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01	SB116_30-31	02/02/18
18B0037-01	SB116_30-31	02/02/18
18B0037-02	SB116_33-34	02/02/18
18B0037-02	SB116_33-34	02/02/18
BB80102-BLK1	Blank	02/02/18
BB80102-BLK2	Blank	02/02/18
BB80102-BS1	LCS	02/02/18

BB80102-BS2	LCS	02/02/18

Batch ID: BB80115 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01	SB116_30-31	02/05/18
18B0037-02	SB116_33-34	02/05/18
BB80115-BLK1	Blank	02/05/18
BB80115-BS1	LCS	02/05/18

Batch ID: BB80120 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01	SB116_30-31	02/05/18
18B0037-02	SB116_33-34	02/05/18
BB80120-BLK1	Blank	02/05/18
BB80120-SRM1	Reference	02/05/18

Batch ID: BB80198 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01	SB116_30-31	02/06/18
18B0037-02	SB116_33-34	02/06/18
BB80198-BLK1	Blank	02/06/18
BB80198-BLK2	Blank	02/06/18
BB80198-BS1	LCS	02/06/18
BB80198-BSD1	LCS Dup	02/06/18

Batch ID: BB80217 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01	SB116_30-31	02/06/18
18B0037-02	SB116_33-34	02/06/18

Batch ID: BB80250 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-01RE1	SB116_30-31	02/07/18
18B0037-02RE1	SB116_33-34	02/07/18
BB80250-BLK1	Blank	02/07/18
BB80250-BLK2	Blank	02/07/18
BB80250-BS1	LCS	02/07/18
BB80250-BSD1	LCS Dup	02/07/18

Batch ID: BB80322 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date

18B0037-01	SB116_30-31	02/08/18
18B0037-02	SB116_33-34	02/08/18

Batch ID: BB80426 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-03	SB116_37-38	02/12/18
18B0037-04	SB116_42-43	02/12/18

Batch ID: BB80533 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-03	SB116_37-38	02/14/18
18B0037-04	SB116_42-43	02/14/18
BB80533-BLK1	Blank	02/14/18
BB80533-BLK2	Blank	02/14/18
BB80533-BS1	LCS	02/14/18
BB80533-BSD1	LCS Dup	02/14/18

Batch ID: BB80604 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0037-03RE1	SB116_37-38	02/15/18
BB80604-BLK1	Blank	02/15/18
BB80604-BLK2	Blank	02/15/18
BB80604-BS1	LCS	02/15/18
BB80604-BSD1	LCS Dup	02/15/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80198 - EPA 5035A											
Blank (BB80198-BLK1)											
Prepared & Analyzed: 02/06/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

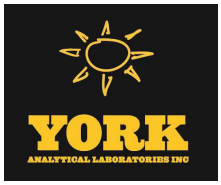
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80198 - EPA 5035A											
Blank (BB80198-BLK1)									Prepared & Analyzed: 02/06/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*48.0*		*ug/L*	*50.0*		*95.9*	*77-125*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.3*	*76-130*				
Blank (BB80198-BLK2)									Prepared & Analyzed: 02/06/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80198 - EPA 5035A											
Blank (BB80198-BLK2)											Prepared & Analyzed: 02/06/2018
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*48.7*		*ug/L*	*50.0*		*97.5*	*77-125*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.5*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80198 - EPA 5035A											
LCS (BB80198-BS1)								Prepared & Analyzed: 02/06/2018			
1,1,1,2-Tetrachloroethane	52.2		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	49.5		"	50.0		99.0	71-130				
1,1,2,2-Tetrachloroethane	49.4		"	50.0		98.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.0		"	50.0		94.1	70-130				
1,1,2-Trichloroethane	47.4		"	50.0		94.8	83-123				
1,1-Dichloroethane	47.8		"	50.0		95.5	75-130				
1,1-Dichloroethylene	46.4		"	50.0		92.8	70-130				
1,2,3-Trichlorobenzene	50.1		"	50.0		100	81-130				
1,2,3-Trichloropropane	48.4		"	50.0		96.8	81-126				
1,2,4-Trichlorobenzene	51.4		"	50.0		103	80-130				
1,2,4-Trimethylbenzene	48.1		"	50.0		96.2	84-125				
1,2-Dibromo-3-chloropropane	45.1		"	50.0		90.1	74-142				
1,2-Dibromoethane	48.9		"	50.0		97.9	86-123				
1,2-Dichlorobenzene	49.2		"	50.0		98.3	85-122				
1,2-Dichloroethane	51.0		"	50.0		102	71-130				
1,2-Dichloropropane	46.8		"	50.0		93.5	81-122				
1,3,5-Trimethylbenzene	48.0		"	50.0		96.0	82-126				
1,3-Dichlorobenzene	49.5		"	50.0		99.0	84-124				
1,4-Dichlorobenzene	49.7		"	50.0		99.3	84-124				
1,4-Dioxane	895		"	1050		85.2	40-160				
2-Butanone	52.8		"	50.0		106	58-147				
2-Hexanone	49.6		"	50.0		99.2	70-139				
4-Methyl-2-pentanone	47.1		"	50.0		94.3	72-132				
Acetone	41.6		"	50.0		83.3	40-155				
Acrolein	26.4		"	50.0		52.9	10-238				
Acrylonitrile	46.6		"	50.0		93.3	66-141				
Benzene	48.1		"	50.0		96.2	77-127				
Bromochloromethane	48.2		"	50.0		96.3	74-129				
Bromodichloromethane	51.6		"	50.0		103	81-124				
Bromoform	59.3		"	50.0		119	80-130				
Bromomethane	52.4		"	50.0		105	40-160				
Carbon disulfide	56.2		"	50.0		112	40-136				
Carbon tetrachloride	49.9		"	50.0		99.9	70-130				
Chlorobenzene	48.6		"	50.0		97.1	86-120				
Chloroethane	50.2		"	50.0		100	51-142				
Chloroform	48.8		"	50.0		97.6	76-130				
Chloromethane	57.9		"	50.0		116	49-132				
cis-1,2-Dichloroethylene	47.6		"	50.0		95.2	74-130				
cis-1,3-Dichloropropylene	49.3		"	50.0		98.5	81-129				
Cyclohexane	45.0		"	50.0		89.9	70-130				
Dibromochloromethane	57.2		"	50.0		114	70-130				
Dibromomethane	48.2		"	50.0		96.4	83-124				
Dichlorodifluoromethane	66.1		"	50.0		132	40-158				
Ethyl Benzene	48.5		"	50.0		96.9	84-125				
Hexachlorobutadiene	49.1		"	50.0		98.2	83-133				
Isopropylbenzene	46.2		"	50.0		92.3	81-127				
Methyl acetate	41.0		"	50.0		82.0	70-130				
Methyl tert-butyl ether (MTBE)	51.2		"	50.0		102	74-130				
Methylcyclohexane	45.1		"	50.0		90.2	70-130				
Methylene chloride	46.7		"	50.0		93.3	70-130				
n-Butylbenzene	48.2		"	50.0		96.4	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80198 - EPA 5035A											
LCS (BB80198-BS1)								Prepared & Analyzed: 02/06/2018			
n-Propylbenzene	47.2		ug/L	50.0		94.3	74-136				
o-Xylene	48.8		"	50.0		97.6	83-123				
p- & m- Xylenes	97.6		"	100		97.6	82-128				
p-Isopropyltoluene	50.0		"	50.0		99.9	85-125				
sec-Butylbenzene	47.7		"	50.0		95.4	83-125				
Styrene	47.4		"	50.0		94.8	86-126				
tert-Butyl alcohol (TBA)	218		"	250		87.1	70-130				
tert-Butylbenzene	48.0		"	50.0		96.1	80-127				
Tetrachloroethylene	47.1		"	50.0		94.1	80-129				
Toluene	47.7		"	50.0		95.3	85-121				
trans-1,2-Dichloroethylene	47.4		"	50.0		94.8	72-130				
trans-1,3-Dichloropropylene	51.7		"	50.0		103	78-130				
Trichloroethylene	49.1		"	50.0		98.1	84-123				
Trichlorofluoromethane	50.7		"	50.0		101	62-140				
Vinyl Chloride	54.2		"	50.0		108	70-130				
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*49.5*		*"*	*50.0*		*99.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				
LCS Dup (BB80198-BSD1)								Prepared & Analyzed: 02/06/2018			
1,1,1,2-Tetrachloroethane	50.7		ug/L	50.0		101	75-129		2.82	30	
1,1,1-Trichloroethane	48.5		"	50.0		97.0	71-130		2.02	30	
1,1,2,2-Tetrachloroethane	46.4		"	50.0		92.8	79-129		6.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.1		"	50.0		92.1	70-130		2.13	30	
1,1,2-Trichloroethane	47.0		"	50.0		94.0	83-123		0.932	30	
1,1-Dichloroethane	46.8		"	50.0		93.7	75-130		1.97	30	
1,1-Dichloroethylene	45.1		"	50.0		90.2	70-130		2.82	30	
1,2,3-Trichlorobenzene	49.9		"	50.0		99.8	81-130		0.400	30	
1,2,3-Trichloropropane	47.4		"	50.0		94.8	81-126		2.13	30	
1,2,4-Trichlorobenzene	51.0		"	50.0		102	80-130		0.742	30	
1,2,4-Trimethylbenzene	47.3		"	50.0		94.7	84-125		1.66	30	
1,2-Dibromo-3-chloropropane	49.1		"	50.0		98.2	74-142		8.56	30	
1,2-Dibromoethane	46.8		"	50.0		93.6	86-123		4.41	30	
1,2-Dichlorobenzene	48.4		"	50.0		96.7	85-122		1.62	30	
1,2-Dichloroethane	49.2		"	50.0		98.4	71-130		3.67	30	
1,2-Dichloropropane	45.0		"	50.0		90.1	81-122		3.75	30	
1,3,5-Trimethylbenzene	47.4		"	50.0		94.8	82-126		1.24	30	
1,3-Dichlorobenzene	48.6		"	50.0		97.1	84-124		1.94	30	
1,4-Dichlorobenzene	48.6		"	50.0		97.1	84-124		2.28	30	
1,4-Dioxane	853		"	1050		81.2	40-160		4.78	30	
2-Butanone	48.7		"	50.0		97.3	58-147		8.07	30	
2-Hexanone	45.3		"	50.0		90.6	70-139		9.04	30	
4-Methyl-2-pentanone	45.6		"	50.0		91.2	72-132		3.28	30	
Acetone	38.0		"	50.0		76.0	40-155		9.06	30	
Acrolein	27.2		"	50.0		54.3	10-238		2.61	30	
Acrylonitrile	41.3		"	50.0		82.6	66-141		12.1	30	
Benzene	46.8		"	50.0		93.7	77-127		2.68	30	
Bromochloromethane	48.3		"	50.0		96.6	74-129		0.290	30	
Bromodichloromethane	49.6		"	50.0		99.1	81-124		4.11	30	
Bromoform	56.0		"	50.0		112	80-130		5.73	30	
Bromomethane	51.6		"	50.0		103	40-160		1.37	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80198 - EPA 5035A											
LCS Dup (BB80198-BSD1)								Prepared & Analyzed: 02/06/2018			
Carbon disulfide	56.8		ug/L	50.0		114	40-136		1.04	30	
Carbon tetrachloride	49.3		"	50.0		98.6	70-130		1.25	30	
Chlorobenzene	47.6		"	50.0		95.2	86-120		1.96	30	
Chloroethane	50.3		"	50.0		101	51-142		0.139	30	
Chloroform	48.2		"	50.0		96.5	76-130		1.15	30	
Chloromethane	57.0		"	50.0		114	49-132		1.59	30	
cis-1,2-Dichloroethylene	46.8		"	50.0		93.5	74-130		1.78	30	
cis-1,3-Dichloropropylene	49.3		"	50.0		98.6	81-129		0.0203	30	
Cyclohexane	44.6		"	50.0		89.1	70-130		0.871	30	
Dibromochloromethane	54.6		"	50.0		109	70-130		4.58	30	
Dibromomethane	47.0		"	50.0		94.0	83-124		2.54	30	
Dichlorodifluoromethane	65.5		"	50.0		131	40-158		1.00	30	
Ethyl Benzene	47.7		"	50.0		95.3	84-125		1.69	30	
Hexachlorobutadiene	50.2		"	50.0		100	83-133		2.23	30	
Isopropylbenzene	43.8		"	50.0		87.6	81-127		5.18	30	
Methyl acetate	39.4		"	50.0		78.9	70-130		3.85	30	
Methyl tert-butyl ether (MTBE)	49.7		"	50.0		99.3	74-130		2.96	30	
Methylcyclohexane	43.0		"	50.0		85.9	70-130		4.90	30	
Methylene chloride	46.2		"	50.0		92.5	70-130		0.947	30	
n-Butylbenzene	47.8		"	50.0		95.6	80-130		0.771	30	
n-Propylbenzene	45.9		"	50.0		91.9	74-136		2.66	30	
o-Xylene	47.6		"	50.0		95.1	83-123		2.64	30	
p- & m- Xylenes	95.4		"	100		95.4	82-128		2.29	30	
p-Isopropyltoluene	48.9		"	50.0		97.8	85-125		2.12	30	
sec-Butylbenzene	47.7		"	50.0		95.5	83-125		0.126	30	
Styrene	46.2		"	50.0		92.5	86-126		2.46	30	
tert-Butyl alcohol (TBA)	207		"	250		82.9	70-130		4.85	30	
tert-Butylbenzene	46.7		"	50.0		93.4	80-127		2.83	30	
Tetrachloroethylene	45.7		"	50.0		91.4	80-129		2.91	30	
Toluene	45.3		"	50.0		90.6	85-121		5.08	30	
trans-1,2-Dichloroethylene	46.5		"	50.0		92.9	72-130		1.96	30	
trans-1,3-Dichloropropylene	49.4		"	50.0		98.8	78-130		4.53	30	
Trichloroethylene	47.4		"	50.0		94.7	84-123		3.53	30	
Trichlorofluoromethane	50.4		"	50.0		101	62-140		0.594	30	
Vinyl Chloride	52.1		"	50.0		104	70-130		3.97	30	
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80250 - EPA 5035A											
Blank (BB80250-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0044	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Prepared & Analyzed: 02/07/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

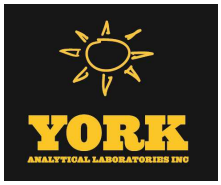
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80250 - EPA 5035A											
Blank (BB80250-BLK1)								Prepared & Analyzed: 02/07/2018			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*55.6*		*ug/L*	*50.0*		*111*	*77-125*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*98.9*	*76-130*				
Blank (BB80250-BLK2)								Prepared & Analyzed: 02/07/2018			
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80250 - EPA 5035A											
Blank (BB80250-BLK2)											
Prepared & Analyzed: 02/07/2018											
Bromomethane	ND	0.50	mg/kg wet								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	2.0	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*49.1*		*ug/L*	*50.0*		*98.2*	*77-125*				
Surrogate: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80250 - EPA 5035A											
LCS (BB80250-BS1)								Prepared & Analyzed: 02/07/2018			
1,1,1,2-Tetrachloroethane	50.1		ug/L	50.0		100	75-129				
1,1,1-Trichloroethane	46.3		"	50.0		92.6	71-130				
1,1,2,2-Tetrachloroethane	45.7		"	50.0		91.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	69.3		"	50.0		139	70-130	High Bias			
1,1,2-Trichloroethane	44.6		"	50.0		89.2	83-123				
1,1-Dichloroethane	43.9		"	50.0		87.8	75-130				
1,1-Dichloroethylene	66.5		"	50.0		133	70-130	High Bias			
1,2,3-Trichlorobenzene	51.9		"	50.0		104	81-130				
1,2,3-Trichloropropane	47.2		"	50.0		94.3	81-126				
1,2,4-Trichlorobenzene	52.2		"	50.0		104	80-130				
1,2,4-Trimethylbenzene	47.4		"	50.0		94.8	84-125				
1,2-Dibromo-3-chloropropane	47.4		"	50.0		94.8	74-142				
1,2-Dibromoethane	45.7		"	50.0		91.5	86-123				
1,2-Dichlorobenzene	48.6		"	50.0		97.2	85-122				
1,2-Dichloroethane	47.3		"	50.0		94.6	71-130				
1,2-Dichloropropane	42.8		"	50.0		85.7	81-122				
1,3,5-Trimethylbenzene	46.4		"	50.0		92.8	82-126				
1,3-Dichlorobenzene	48.4		"	50.0		96.8	84-124				
1,4-Dichlorobenzene	48.8		"	50.0		97.5	84-124				
1,4-Dioxane	859		"	1050		81.8	40-160				
2-Butanone	44.5		"	50.0		88.9	58-147				
2-Hexanone	43.2		"	50.0		86.3	70-139				
4-Methyl-2-pentanone	44.4		"	50.0		88.8	72-132				
Acetone	57.1		"	50.0		114	40-155				
Acrolein	69.7		"	50.0		139	10-238				
Acrylonitrile	63.0		"	50.0		126	66-141				
Benzene	42.4		"	50.0		84.8	77-127				
Bromochloromethane	43.6		"	50.0		87.1	74-129				
Bromodichloromethane	49.1		"	50.0		98.1	81-124				
Bromoform	54.6		"	50.0		109	80-130				
Bromomethane	78.7		"	50.0		157	40-160				
Carbon disulfide	90.4		"	50.0		181	40-136	High Bias			
Carbon tetrachloride	47.2		"	50.0		94.5	70-130				
Chlorobenzene	45.6		"	50.0		91.2	86-120				
Chloroethane	88.2		"	50.0		176	51-142	High Bias			
Chloroform	45.5		"	50.0		91.0	76-130				
Chloromethane	55.4		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	43.3		"	50.0		86.6	74-130				
cis-1,3-Dichloropropylene	48.1		"	50.0		96.2	81-129				
Cyclohexane	41.5		"	50.0		82.9	70-130				
Dibromochloromethane	53.7		"	50.0		107	70-130				
Dibromomethane	45.4		"	50.0		90.7	83-124				
Dichlorodifluoromethane	77.3		"	50.0		155	40-158				
Ethyl Benzene	45.7		"	50.0		91.4	84-125				
Hexachlorobutadiene	51.3		"	50.0		103	83-133				
Isopropylbenzene	44.4		"	50.0		88.8	81-127				
Methyl acetate	77.4		"	50.0		155	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	69.2		"	50.0		138	74-130	High Bias			
Methylcyclohexane	42.7		"	50.0		85.4	70-130				
Methylene chloride	79.3		"	50.0		159	70-130	High Bias			
n-Butylbenzene	46.4		"	50.0		92.9	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80250 - EPA 5035A											
LCS (BB80250-BS1)								Prepared & Analyzed: 02/07/2018			
n-Propylbenzene	45.9		ug/L	50.0		91.8	74-136				
o-Xylene	46.4		"	50.0		92.8	83-123				
p- & m- Xylenes	91.9		"	100		91.9	82-128				
p-Isopropyltoluene	49.0		"	50.0		97.9	85-125				
sec-Butylbenzene	47.2		"	50.0		94.4	83-125				
Styrene	44.1		"	50.0		88.2	86-126				
tert-Butyl alcohol (TBA)	317		"	250		127	70-130				
tert-Butylbenzene	46.7		"	50.0		93.3	80-127				
Tetrachloroethylene	46.2		"	50.0		92.4	80-129				
Toluene	44.1		"	50.0		88.2	85-121				
trans-1,2-Dichloroethylene	64.3		"	50.0		129	72-130				
trans-1,3-Dichloropropylene	48.9		"	50.0		97.8	78-130				
Trichloroethylene	46.1		"	50.0		92.2	84-123				
Trichlorofluoromethane	62.0		"	50.0		124	62-140				
Vinyl Chloride	48.9		"	50.0		97.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.9*		*"*	*50.0*		*106*	*76-130*				
LCS Dup (BB80250-BSD1)								Prepared & Analyzed: 02/07/2018			
1,1,1,2-Tetrachloroethane	51.0		ug/L	50.0		102	75-129		1.92	30	
1,1,1-Trichloroethane	45.3		"	50.0		90.7	71-130		2.10	30	
1,1,2,2-Tetrachloroethane	46.8		"	50.0		93.7	79-129		2.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.2		"	50.0		112	70-130		20.7	30	
1,1,2-Trichloroethane	46.1		"	50.0		92.2	83-123		3.29	30	
1,1-Dichloroethane	52.6		"	50.0		105	75-130		18.0	30	
1,1-Dichloroethylene	53.0		"	50.0		106	70-130		22.6	30	
1,2,3-Trichlorobenzene	52.0		"	50.0		104	81-130		0.0385	30	
1,2,3-Trichloropropane	48.1		"	50.0		96.1	81-126		1.91	30	
1,2,4-Trichlorobenzene	51.1		"	50.0		102	80-130		2.28	30	
1,2,4-Trimethylbenzene	45.9		"	50.0		91.8	84-125		3.13	30	
1,2-Dibromo-3-chloropropane	51.3		"	50.0		103	74-142		7.94	30	
1,2-Dibromoethane	48.5		"	50.0		96.9	86-123		5.82	30	
1,2-Dichlorobenzene	48.2		"	50.0		96.4	85-122		0.785	30	
1,2-Dichloroethane	44.4		"	50.0		88.9	71-130		6.24	30	
1,2-Dichloropropane	43.8		"	50.0		87.7	81-122		2.35	30	
1,3,5-Trimethylbenzene	44.9		"	50.0		89.8	82-126		3.26	30	
1,3-Dichlorobenzene	48.3		"	50.0		96.6	84-124		0.186	30	
1,4-Dichlorobenzene	47.5		"	50.0		95.0	84-124		2.64	30	
1,4-Dioxane	860		"	1050		81.9	40-160		0.0244	30	
2-Butanone	49.6		"	50.0		99.2	58-147		10.9	30	
2-Hexanone	46.8		"	50.0		93.7	70-139		8.22	30	
4-Methyl-2-pentanone	46.9		"	50.0		93.8	72-132		5.48	30	
Acetone	51.0		"	50.0		102	40-155		11.4	30	
Acrolein	55.4		"	50.0		111	10-238		22.9	30	
Acrylonitrile	55.6		"	50.0		111	66-141		12.5	30	
Benzene	48.3		"	50.0		96.7	77-127		13.1	30	
Bromochloromethane	55.3		"	50.0		111	74-129		23.8	30	
Bromodichloromethane	50.5		"	50.0		101	81-124		2.89	30	
Bromoform	54.2		"	50.0		108	80-130		0.698	30	
Bromomethane	60.1		"	50.0		120	40-160		26.8	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80250 - EPA 5035A											
LCS Dup (BB80250-BSD1)								Prepared & Analyzed: 02/07/2018			
Carbon disulfide	72.8		ug/L	50.0		146	40-136	High Bias	21.6	30	
Carbon tetrachloride	45.5		"	50.0		91.0	70-130		3.77	30	
Chlorobenzene	46.8		"	50.0		93.7	86-120		2.66	30	
Chloroethane	68.0		"	50.0		136	51-142		25.9	30	
Chloroform	46.8		"	50.0		93.6	76-130		2.88	30	
Chloromethane	40.0		"	50.0		80.0	49-132		32.3	30	Non-dir.
cis-1,2-Dichloroethylene	50.2		"	50.0		100	74-130		14.7	30	
cis-1,3-Dichloropropylene	48.6		"	50.0		97.2	81-129		1.01	30	
Cyclohexane	52.1		"	50.0		104	70-130		22.6	30	
Dibromochloromethane	56.6		"	50.0		113	70-130		5.24	30	
Dibromomethane	47.2		"	50.0		94.5	83-124		4.08	30	
Dichlorodifluoromethane	60.0		"	50.0		120	40-158		25.2	30	
Ethyl Benzene	47.4		"	50.0		94.8	84-125		3.59	30	
Hexachlorobutadiene	50.2		"	50.0		100	83-133		2.29	30	
Isopropylbenzene	44.1		"	50.0		88.2	81-127		0.678	30	
Methyl acetate	58.2		"	50.0		116	70-130		28.4	30	
Methyl tert-butyl ether (MTBE)	56.9		"	50.0		114	74-130		19.4	30	
Methylcyclohexane	44.5		"	50.0		89.0	70-130		4.15	30	
Methylene chloride	65.2		"	50.0		130	70-130		19.6	30	
n-Butylbenzene	46.3		"	50.0		92.6	80-130		0.345	30	
n-Propylbenzene	44.6		"	50.0		89.1	74-136		2.98	30	
o-Xylene	47.6		"	50.0		95.3	83-123		2.70	30	
p- & m- Xylenes	96.2		"	100		96.2	82-128		4.62	30	
p-Isopropyltoluene	47.7		"	50.0		95.4	85-125		2.63	30	
sec-Butylbenzene	46.4		"	50.0		92.9	83-125		1.67	30	
Styrene	45.6		"	50.0		91.2	86-126		3.32	30	
tert-Butyl alcohol (TBA)	262		"	250		105	70-130		19.2	30	
tert-Butylbenzene	46.1		"	50.0		92.2	80-127		1.21	30	
Tetrachloroethylene	47.6		"	50.0		95.2	80-129		2.94	30	
Toluene	45.6		"	50.0		91.2	85-121		3.34	30	
trans-1,2-Dichloroethylene	53.3		"	50.0		107	72-130		18.7	30	
trans-1,3-Dichloropropylene	49.9		"	50.0		99.7	78-130		1.94	30	
Trichloroethylene	47.7		"	50.0		95.5	84-123		3.47	30	
Trichlorofluoromethane	49.8		"	50.0		99.6	62-140		21.9	30	
Vinyl Chloride	36.6		"	50.0		73.2	70-130		28.7	30	
Surrogate: 1,2-Dichloroethane-d4	*46.8*		*"*	*50.0*		*93.5*	*77-125*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
Blank (BB80533-BLK1)											Prepared & Analyzed: 02/14/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

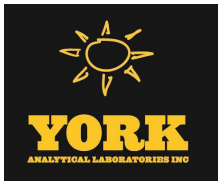
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
Blank (BB80533-BLK1)									Prepared & Analyzed: 02/14/2018		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*53.7*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*76-130*				
Blank (BB80533-BLK2)									Prepared & Analyzed: 02/14/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
Blank (BB80533-BLK2)											Prepared & Analyzed: 02/14/2018
Bromodichloromethane	ND	0.50	mg/kg wet								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	0.72	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
LCS (BB80533-BS1)								Prepared & Analyzed: 02/14/2018			
1,1,1,2-Tetrachloroethane	51.1		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	52.4		"	50.0		105	71-130				
1,1,2,2-Tetrachloroethane	49.6		"	50.0		99.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.9		"	50.0		99.8	70-130				
1,1,2-Trichloroethane	46.8		"	50.0		93.7	83-123				
1,1-Dichloroethane	49.2		"	50.0		98.4	75-130				
1,1-Dichloroethylene	48.1		"	50.0		96.2	70-130				
1,2,3-Trichlorobenzene	54.8		"	50.0		110	81-130				
1,2,3-Trichloropropane	49.6		"	50.0		99.3	81-126				
1,2,4-Trichlorobenzene	54.5		"	50.0		109	80-130				
1,2,4-Trimethylbenzene	48.4		"	50.0		96.8	84-125				
1,2-Dibromo-3-chloropropane	55.7		"	50.0		111	74-142				
1,2-Dibromoethane	50.0		"	50.0		99.9	86-123				
1,2-Dichlorobenzene	48.7		"	50.0		97.3	85-122				
1,2-Dichloroethane	51.5		"	50.0		103	71-130				
1,2-Dichloropropane	44.1		"	50.0		88.2	81-122				
1,3,5-Trimethylbenzene	46.4		"	50.0		92.7	82-126				
1,3-Dichlorobenzene	47.6		"	50.0		95.3	84-124				
1,4-Dichlorobenzene	47.6		"	50.0		95.2	84-124				
1,4-Dioxane	962		"	1050		91.6	40-160				
2-Butanone	60.9		"	50.0		122	58-147				
2-Hexanone	47.6		"	50.0		95.2	70-139				
4-Methyl-2-pentanone	47.7		"	50.0		95.3	72-132				
Acetone	48.6		"	50.0		97.2	40-155				
Acrolein	46.9		"	50.0		93.8	10-238				
Acrylonitrile	51.4		"	50.0		103	66-141				
Benzene	50.6		"	50.0		101	77-127				
Bromochloromethane	48.3		"	50.0		96.6	74-129				
Bromodichloromethane	47.2		"	50.0		94.4	81-124				
Bromoform	56.5		"	50.0		113	80-130				
Bromomethane	54.1		"	50.0		108	40-160				
Carbon disulfide	54.0		"	50.0		108	40-136				
Carbon tetrachloride	55.2		"	50.0		110	70-130				
Chlorobenzene	47.5		"	50.0		95.0	86-120				
Chloroethane	54.5		"	50.0		109	51-142				
Chloroform	51.2		"	50.0		102	76-130				
Chloromethane	50.8		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	50.1		"	50.0		100	74-130				
cis-1,3-Dichloropropylene	48.1		"	50.0		96.2	81-129				
Cyclohexane	47.5		"	50.0		94.9	70-130				
Dibromochloromethane	54.4		"	50.0		109	70-130				
Dibromomethane	46.0		"	50.0		92.1	83-124				
Dichlorodifluoromethane	66.6		"	50.0		133	40-158				
Ethyl Benzene	46.5		"	50.0		92.9	84-125				
Hexachlorobutadiene	54.9		"	50.0		110	83-133				
Isopropylbenzene	46.6		"	50.0		93.2	81-127				
Methyl acetate	44.4		"	50.0		88.9	70-130				
Methyl tert-butyl ether (MTBE)	57.8		"	50.0		116	74-130				
Methylcyclohexane	43.9		"	50.0		87.8	70-130				
Methylene chloride	46.4		"	50.0		92.8	70-130				
n-Butylbenzene	47.3		"	50.0		94.6	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
LCS (BB80533-BS1)								Prepared & Analyzed: 02/14/2018			
n-Propylbenzene	44.9		ug/L	50.0		89.8	74-136				
o-Xylene	47.8		"	50.0		95.6	83-123				
p- & m- Xylenes	93.2		"	100		93.2	82-128				
p-Isopropyltoluene	49.3		"	50.0		98.7	85-125				
sec-Butylbenzene	48.1		"	50.0		96.1	83-125				
Styrene	47.7		"	50.0		95.4	86-126				
tert-Butyl alcohol (TBA)	257		"	250		103	70-130				
tert-Butylbenzene	48.6		"	50.0		97.3	80-127				
Tetrachloroethylene	48.8		"	50.0		97.7	80-129				
Toluene	45.4		"	50.0		90.8	85-121				
trans-1,2-Dichloroethylene	49.1		"	50.0		98.2	72-130				
trans-1,3-Dichloropropylene	48.5		"	50.0		97.1	78-130				
Trichloroethylene	47.0		"	50.0		94.0	84-123				
Trichlorofluoromethane	52.9		"	50.0		106	62-140				
Vinyl Chloride	45.5		"	50.0		91.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				
LCS Dup (BB80533-BSD1)								Prepared & Analyzed: 02/14/2018			
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129		1.02	30	
1,1,1-Trichloroethane	52.5		"	50.0		105	71-130		0.210	30	
1,1,2,2-Tetrachloroethane	48.6		"	50.0		97.3	79-129		1.87	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.6		"	50.0		99.3	70-130		0.542	30	
1,1,2-Trichloroethane	46.2		"	50.0		92.4	83-123		1.35	30	
1,1-Dichloroethane	49.1		"	50.0		98.1	75-130		0.285	30	
1,1-Dichloroethylene	47.9		"	50.0		95.8	70-130		0.417	30	
1,2,3-Trichlorobenzene	56.5		"	50.0		113	81-130		2.96	30	
1,2,3-Trichloropropane	47.7		"	50.0		95.3	81-126		4.09	30	
1,2,4-Trichlorobenzene	54.8		"	50.0		110	80-130		0.457	30	
1,2,4-Trimethylbenzene	48.9		"	50.0		97.9	84-125		1.09	30	
1,2-Dibromo-3-chloropropane	56.0		"	50.0		112	74-142		0.483	30	
1,2-Dibromoethane	49.4		"	50.0		98.8	86-123		1.11	30	
1,2-Dichlorobenzene	48.8		"	50.0		97.5	85-122		0.205	30	
1,2-Dichloroethane	50.1		"	50.0		100	71-130		2.81	30	
1,2-Dichloropropane	44.6		"	50.0		89.2	81-122		1.04	30	
1,3,5-Trimethylbenzene	46.8		"	50.0		93.7	82-126		0.987	30	
1,3-Dichlorobenzene	48.1		"	50.0		96.3	84-124		1.00	30	
1,4-Dichlorobenzene	48.2		"	50.0		96.3	84-124		1.17	30	
1,4-Dioxane	1060		"	1050		101	40-160		10.1	30	
2-Butanone	61.2		"	50.0		122	58-147		0.377	30	
2-Hexanone	48.2		"	50.0		96.3	70-139		1.11	30	
4-Methyl-2-pentanone	47.5		"	50.0		95.1	72-132		0.294	30	
Acetone	47.6		"	50.0		95.2	40-155		2.14	30	
Acrolein	50.2		"	50.0		100	10-238		6.70	30	
Acrylonitrile	52.5		"	50.0		105	66-141		2.14	30	
Benzene	50.5		"	50.0		101	77-127		0.316	30	
Bromochloromethane	47.4		"	50.0		94.9	74-129		1.75	30	
Bromodichloromethane	46.2		"	50.0		92.5	81-124		2.10	30	
Bromoform	57.2		"	50.0		114	80-130		1.35	30	
Bromomethane	53.6		"	50.0		107	40-160		0.798	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
LCS Dup (BB80533-BSD1)							Prepared & Analyzed: 02/14/2018				
Carbon disulfide	53.9		ug/L	50.0		108	40-136		0.0927	30	
Carbon tetrachloride	55.3		"	50.0		111	70-130		0.308	30	
Chlorobenzene	47.3		"	50.0		94.7	86-120		0.380	30	
Chloroethane	54.6		"	50.0		109	51-142		0.220	30	
Chloroform	51.1		"	50.0		102	76-130		0.0978	30	
Chloromethane	49.6		"	50.0		99.1	49-132		2.53	30	
cis-1,2-Dichloroethylene	51.4		"	50.0		103	74-130		2.46	30	
cis-1,3-Dichloropropylene	47.1		"	50.0		94.1	81-129		2.19	30	
Cyclohexane	47.5		"	50.0		95.1	70-130		0.168	30	
Dibromochloromethane	54.5		"	50.0		109	70-130		0.257	30	
Dibromomethane	46.9		"	50.0		93.8	83-124		1.85	30	
Dichlorodifluoromethane	64.7		"	50.0		129	40-158		2.83	30	
Ethyl Benzene	46.2		"	50.0		92.4	84-125		0.583	30	
Hexachlorobutadiene	55.6		"	50.0		111	83-133		1.38	30	
Isopropylbenzene	47.1		"	50.0		94.3	81-127		1.17	30	
Methyl acetate	44.9		"	50.0		89.8	70-130		1.05	30	
Methyl tert-butyl ether (MTBE)	57.0		"	50.0		114	74-130		1.38	30	
Methylcyclohexane	44.0		"	50.0		88.0	70-130		0.228	30	
Methylene chloride	45.8		"	50.0		91.6	70-130		1.26	30	
n-Butylbenzene	46.9		"	50.0		93.9	80-130		0.785	30	
n-Propylbenzene	45.3		"	50.0		90.6	74-136		0.865	30	
o-Xylene	47.4		"	50.0		94.9	83-123		0.777	30	
p- & m- Xylenes	92.4		"	100		92.4	82-128		0.819	30	
p-Isopropyltoluene	49.6		"	50.0		99.1	85-125		0.465	30	
sec-Butylbenzene	49.5		"	50.0		99.0	83-125		2.91	30	
Styrene	47.7		"	50.0		95.4	86-126		0.00	30	
tert-Butyl alcohol (TBA)	288		"	250		115	70-130		11.5	30	
tert-Butylbenzene	49.9		"	50.0		99.7	80-127		2.48	30	
Tetrachloroethylene	49.4		"	50.0		98.8	80-129		1.12	30	
Toluene	45.2		"	50.0		90.4	85-121		0.464	30	
trans-1,2-Dichloroethylene	48.6		"	50.0		97.3	72-130		0.941	30	
trans-1,3-Dichloropropylene	48.4		"	50.0		96.7	78-130		0.351	30	
Trichloroethylene	46.4		"	50.0		92.8	84-123		1.35	30	
Trichlorofluoromethane	54.9		"	50.0		110	62-140		3.71	30	
Vinyl Chloride	44.4		"	50.0		88.7	70-130		2.60	30	
Surrogate: 1,2-Dichloroethane-d4	*53.1*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*47.7*		*"*	*50.0*		*95.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
Blank (BB80604-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Prepared & Analyzed: 02/15/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
Blank (BB80604-BLK1)									Prepared & Analyzed: 02/15/2018		
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*48.3*		*"*	*50.0*		*96.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*76-130*				
Blank (BB80604-BLK2)									Prepared & Analyzed: 02/15/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
Blank (BB80604-BLK2)											Prepared & Analyzed: 02/15/2018
Bromomethane	ND	0.50	mg/kg wet								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	0.76	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*53.2*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*46.5*		*"*	*50.0*		*93.0*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
LCS (BB80604-BS1)								Prepared & Analyzed: 02/15/2018			
1,1,1,2-Tetrachloroethane	52.3		ug/L	50.0		105	75-129				
1,1,1-Trichloroethane	56.9		"	50.0		114	71-130				
1,1,2,2-Tetrachloroethane	50.2		"	50.0		100	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.2		"	50.0		114	70-130				
1,1,2-Trichloroethane	47.3		"	50.0		94.6	83-123				
1,1-Dichloroethane	51.8		"	50.0		104	75-130				
1,1-Dichloroethylene	51.9		"	50.0		104	70-130				
1,2,3-Trichlorobenzene	59.1		"	50.0		118	81-130				
1,2,3-Trichloropropane	51.3		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	58.0		"	50.0		116	80-130				
1,2,4-Trimethylbenzene	48.4		"	50.0		96.9	84-125				
1,2-Dibromo-3-chloropropane	53.1		"	50.0		106	74-142				
1,2-Dibromoethane	51.5		"	50.0		103	86-123				
1,2-Dichlorobenzene	50.4		"	50.0		101	85-122				
1,2-Dichloroethane	53.4		"	50.0		107	71-130				
1,2-Dichloropropane	44.3		"	50.0		88.6	81-122				
1,3,5-Trimethylbenzene	47.4		"	50.0		94.7	82-126				
1,3-Dichlorobenzene	49.2		"	50.0		98.3	84-124				
1,4-Dichlorobenzene	49.0		"	50.0		98.0	84-124				
1,4-Dioxane	1130		"	1050		108	40-160				
2-Butanone	65.6		"	50.0		131	58-147				
2-Hexanone	47.0		"	50.0		93.9	70-139				
4-Methyl-2-pentanone	46.4		"	50.0		92.7	72-132				
Acetone	52.7		"	50.0		105	40-155				
Acrolein	49.5		"	50.0		99.0	10-238				
Acrylonitrile	54.9		"	50.0		110	66-141				
Benzene	53.9		"	50.0		108	77-127				
Bromochloromethane	51.2		"	50.0		102	74-129				
Bromodichloromethane	46.3		"	50.0		92.5	81-124				
Bromoform	59.2		"	50.0		118	80-130				
Bromomethane	55.9		"	50.0		112	40-160				
Carbon disulfide	58.6		"	50.0		117	40-136				
Carbon tetrachloride	60.3		"	50.0		121	70-130				
Chlorobenzene	48.4		"	50.0		96.9	86-120				
Chloroethane	57.2		"	50.0		114	51-142				
Chloroform	54.9		"	50.0		110	76-130				
Chloromethane	55.6		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	56.0		"	50.0		112	74-130				
cis-1,3-Dichloropropylene	47.2		"	50.0		94.3	81-129				
Cyclohexane	50.9		"	50.0		102	70-130				
Dibromochloromethane	56.1		"	50.0		112	70-130				
Dibromomethane	48.1		"	50.0		96.3	83-124				
Dichlorodifluoromethane	83.3		"	50.0		167	40-158	High Bias			
Ethyl Benzene	46.0		"	50.0		92.0	84-125				
Hexachlorobutadiene	60.4		"	50.0		121	83-133				
Isopropylbenzene	48.2		"	50.0		96.4	81-127				
Methyl acetate	47.1		"	50.0		94.1	70-130				
Methyl tert-butyl ether (MTBE)	59.8		"	50.0		120	74-130				
Methylcyclohexane	44.3		"	50.0		88.6	70-130				
Methylene chloride	47.2		"	50.0		94.4	70-130				
n-Butylbenzene	46.8		"	50.0		93.6	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

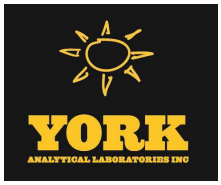
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
LCS (BB80604-BS1)								Prepared & Analyzed: 02/15/2018			
n-Propylbenzene	44.8		ug/L	50.0		89.7	74-136				
o-Xylene	47.0		"	50.0		94.0	83-123				
p- & m- Xylenes	89.8		"	100		89.8	82-128				
p-Isopropyltoluene	51.0		"	50.0		102	85-125				
sec-Butylbenzene	50.0		"	50.0		100	83-125				
Styrene	48.0		"	50.0		96.0	86-126				
tert-Butyl alcohol (TBA)	304		"	250		122	70-130				
tert-Butylbenzene	50.4		"	50.0		101	80-127				
Tetrachloroethylene	52.0		"	50.0		104	80-129				
Toluene	44.9		"	50.0		89.9	85-121				
trans-1,2-Dichloroethylene	52.5		"	50.0		105	72-130				
trans-1,3-Dichloropropylene	47.2		"	50.0		94.3	78-130				
Trichloroethylene	46.9		"	50.0		93.8	84-123				
Trichlorofluoromethane	63.3		"	50.0		127	62-140				
Vinyl Chloride	44.4		"	50.0		88.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*77-125*				
Surrogate: Toluene-d8	*46.4*		*"*	*50.0*		*92.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*53.0*		*"*	*50.0*		*106*	*76-130*				
LCS Dup (BB80604-BSD1)								Prepared & Analyzed: 02/15/2018			
1,1,1,2-Tetrachloroethane	51.2		ug/L	50.0		102	75-129		2.20	30	
1,1,1-Trichloroethane	55.8		"	50.0		112	71-130		1.93	30	
1,1,2,2-Tetrachloroethane	46.7		"	50.0		93.3	79-129		7.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.6		"	50.0		109	70-130		4.59	30	
1,1,2-Trichloroethane	45.0		"	50.0		90.0	83-123		4.96	30	
1,1-Dichloroethane	50.7		"	50.0		101	75-130		1.97	30	
1,1-Dichloroethylene	50.6		"	50.0		101	70-130		2.50	30	
1,2,3-Trichlorobenzene	57.4		"	50.0		115	81-130		2.88	30	
1,2,3-Trichloropropane	47.5		"	50.0		95.1	81-126		7.67	30	
1,2,4-Trichlorobenzene	57.6		"	50.0		115	80-130		0.640	30	
1,2,4-Trimethylbenzene	48.2		"	50.0		96.3	84-125		0.559	30	
1,2-Dibromo-3-chloropropane	49.4		"	50.0		98.8	74-142		7.14	30	
1,2-Dibromoethane	49.2		"	50.0		98.3	86-123		4.69	30	
1,2-Dichlorobenzene	49.8		"	50.0		99.6	85-122		1.18	30	
1,2-Dichloroethane	51.7		"	50.0		103	71-130		3.25	30	
1,2-Dichloropropane	43.4		"	50.0		86.8	81-122		2.03	30	
1,3,5-Trimethylbenzene	47.2		"	50.0		94.3	82-126		0.381	30	
1,3-Dichlorobenzene	49.4		"	50.0		98.8	84-124		0.507	30	
1,4-Dichlorobenzene	49.5		"	50.0		99.0	84-124		1.02	30	
1,4-Dioxane	993		"	1050		94.5	40-160		13.0	30	
2-Butanone	54.2		"	50.0		108	58-147		18.9	30	
2-Hexanone	41.2		"	50.0		82.5	70-139		13.0	30	
4-Methyl-2-pentanone	41.9		"	50.0		83.7	72-132		10.2	30	
Acetone	43.1		"	50.0		86.3	40-155		19.9	30	
Acrolein	45.5		"	50.0		91.1	10-238		8.37	30	
Acrylonitrile	49.7		"	50.0		99.5	66-141		9.83	30	
Benzene	52.3		"	50.0		105	77-127		3.13	30	
Bromochloromethane	50.9		"	50.0		102	74-129		0.646	30	
Bromodichloromethane	44.9		"	50.0		89.8	81-124		2.94	30	
Bromoform	56.4		"	50.0		113	80-130		4.98	30	
Bromomethane	54.2		"	50.0		108	40-160		3.16	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
LCS Dup (BB80604-BSD1)								Prepared & Analyzed: 02/15/2018			
Carbon disulfide	57.5		ug/L	50.0		115	40-136		1.84	30	
Carbon tetrachloride	59.1		"	50.0		118	70-130		2.04	30	
Chlorobenzene	48.2		"	50.0		96.4	86-120		0.517	30	
Chloroethane	52.5		"	50.0		105	51-142		8.44	30	
Chloroform	53.2		"	50.0		106	76-130		3.18	30	
Chloromethane	53.1		"	50.0		106	49-132		4.71	30	
cis-1,2-Dichloroethylene	54.8		"	50.0		110	74-130		2.15	30	
cis-1,3-Dichloropropylene	46.0		"	50.0		91.9	81-129		2.53	30	
Cyclohexane	49.6		"	50.0		99.1	70-130		2.73	30	
Dibromochloromethane	53.9		"	50.0		108	70-130		4.09	30	
Dibromomethane	45.3		"	50.0		90.7	83-124		5.99	30	
Dichlorodifluoromethane	79.8		"	50.0		160	40-158	High Bias	4.24	30	
Ethyl Benzene	45.6		"	50.0		91.2	84-125		0.851	30	
Hexachlorobutadiene	60.1		"	50.0		120	83-133		0.382	30	
Isopropylbenzene	47.8		"	50.0		95.6	81-127		0.792	30	
Methyl acetate	43.9		"	50.0		87.7	70-130		7.04	30	
Methyl tert-butyl ether (MTBE)	56.8		"	50.0		114	74-130		5.23	30	
Methylcyclohexane	44.1		"	50.0		88.1	70-130		0.566	30	
Methylene chloride	46.0		"	50.0		91.9	70-130		2.68	30	
n-Butylbenzene	46.1		"	50.0		92.2	80-130		1.49	30	
n-Propylbenzene	44.9		"	50.0		89.8	74-136		0.201	30	
o-Xylene	46.0		"	50.0		92.1	83-123		2.06	30	
p- & m- Xylenes	89.2		"	100		89.2	82-128		0.615	30	
p-Isopropyltoluene	50.3		"	50.0		101	85-125		1.42	30	
sec-Butylbenzene	50.2		"	50.0		100	83-125		0.240	30	
Styrene	47.3		"	50.0		94.6	86-126		1.53	30	
tert-Butyl alcohol (TBA)	261		"	250		104	70-130		15.4	30	
tert-Butylbenzene	50.1		"	50.0		100	80-127		0.478	30	
Tetrachloroethylene	51.0		"	50.0		102	80-129		1.82	30	
Toluene	44.2		"	50.0		88.5	85-121		1.55	30	
trans-1,2-Dichloroethylene	50.8		"	50.0		102	72-130		3.31	30	
trans-1,3-Dichloropropylene	45.5		"	50.0		90.9	78-130		3.65	30	
Trichloroethylene	46.2		"	50.0		92.5	84-123		1.48	30	
Trichlorofluoromethane	59.6		"	50.0		119	62-140		5.94	30	
Vinyl Chloride	41.8		"	50.0		83.7	70-130		5.94	30	
Surrogate: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*47.0*		*"*	*50.0*		*93.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80072 - EPA 3550C											
Blank (BB80072-BLK1)											
Prepared: 02/02/2018 Analyzed: 02/04/2018											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80072 - EPA 3550C											
Blank (BB80072-BLK1)											
Prepared: 02/02/2018 Analyzed: 02/04/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.06*		"	*2.55*		*80.9*	*20-108*				
Surrogate: Phenol-d5	*2.27*		"	*2.59*		*87.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.73*		"	*1.81*		*95.4*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.37*		"	*1.76*		*78.2*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.43*		"	*2.59*		*93.9*	*19-110*				
Surrogate: Terphenyl-d14	*1.15*		"	*1.69*		*68.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80072 - EPA 3550C											
LCS (BB80072-BS1)								Prepared: 02/02/2018 Analyzed: 02/04/2018			
1,1-Biphenyl	0.702	0.0417	mg/kg wet	0.833		84.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.690	0.0833	"	0.833		82.8	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.685	0.0417	"	0.833		82.2	17-137				
2,3,4,6-Tetrachlorophenol	0.541	0.0833	"	0.833		65.0	30-130				
2,4,5-Trichlorophenol	0.700	0.0417	"	0.833		84.0	27-118				
2,4,6-Trichlorophenol	0.691	0.0417	"	0.833		82.9	31-120				
2,4-Dichlorophenol	0.757	0.0417	"	0.833		90.9	20-127				
2,4-Dimethylphenol	0.677	0.0417	"	0.833		81.3	14-132				
2,4-Dinitrophenol	0.413	0.0833	"	0.833		49.6	10-171				
2,4-Dinitrotoluene	0.684	0.0417	"	0.833		82.1	34-131				
2,6-Dinitrotoluene	0.664	0.0417	"	0.833		79.6	31-128				
2-Chloronaphthalene	0.547	0.0417	"	0.833		65.6	31-117				
2-Chlorophenol	0.661	0.0417	"	0.833		79.3	33-113				
2-Methylnaphthalene	0.734	0.0417	"	0.833		88.1	12-138				
2-Methylphenol	0.687	0.0417	"	0.833		82.4	10-136				
2-Nitroaniline	0.701	0.0833	"	0.833		84.1	27-132				
2-Nitrophenol	0.740	0.0417	"	0.833		88.8	17-129				
3- & 4-Methylphenols	0.653	0.0417	"	0.833		78.3	29-103				
3,3-Dichlorobenzidine	0.708	0.0417	"	0.833		85.0	22-149				
3-Nitroaniline	0.638	0.0833	"	0.833		76.5	20-133				
4,6-Dinitro-2-methylphenol	0.671	0.0833	"	0.833		80.6	10-143				
4-Bromophenyl phenyl ether	0.681	0.0417	"	0.833		81.7	29-120				
4-Chloro-3-methylphenol	0.876	0.0417	"	0.833		105	24-129				
4-Chloroaniline	0.463	0.0417	"	0.833		55.6	10-132				
4-Chlorophenyl phenyl ether	0.697	0.0417	"	0.833		83.6	27-124				
4-Nitroaniline	0.693	0.0833	"	0.833		83.2	16-128				
4-Nitrophenol	0.757	0.0833	"	0.833		90.8	10-141				
Acenaphthene	0.650	0.0417	"	0.833		78.0	30-121				
Acenaphthylene	0.602	0.0417	"	0.833		72.2	30-115				
Acetophenone	0.725	0.0417	"	0.833		87.0	20-112				
Aniline	0.581	0.167	"	0.833		69.8	10-119				
Anthracene	0.708	0.0417	"	0.833		84.9	34-118				
Atrazine	0.824	0.0417	"	0.833		98.9	26-112				
Benzaldehyde	0.766	0.0417	"	0.833		92.0	21-100				
Benzo(a)anthracene	0.777	0.0417	"	0.833		93.2	32-122				
Benzo(a)pyrene	0.772	0.0417	"	0.833		92.6	29-133				
Benzo(b)fluoranthene	0.717	0.0417	"	0.833		86.1	25-133				
Benzo(g,h,i)perylene	0.688	0.0417	"	0.833		82.6	10-143				
Benzo(k)fluoranthene	0.721	0.0417	"	0.833		86.5	25-128				
Benzoic acid	0.952	0.0417	"	0.967		98.5	10-140				
Benzyl alcohol	0.693	0.0417	"	0.833		83.1	30-115				
Benzyl butyl phthalate	0.833	0.0417	"	0.833		99.9	26-126				
Bis(2-chloroethoxy)methane	0.758	0.0417	"	0.833		90.9	19-132				
Bis(2-chloroethyl)ether	0.731	0.0417	"	0.833		87.8	19-125				
Bis(2-chloroisopropyl)ether	0.606	0.0417	"	0.833		72.8	20-135				
Bis(2-ethylhexyl)phthalate	0.816	0.0417	"	0.833		98.0	10-155				
Caprolactam	0.882	0.0833	"	0.833		106	10-127				
Carbazole	0.594	0.0417	"	0.833		71.3	35-123				
Chrysene	0.682	0.0417	"	0.833		81.8	32-123				
Dibenzo(a,h)anthracene	0.731	0.0417	"	0.833		87.8	10-136				
Dibenzofuran	0.645	0.0417	"	0.833		77.4	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80072 - EPA 3550C											
LCS (BB80072-BS1)									Prepared: 02/02/2018 Analyzed: 02/04/2018		
Diethyl phthalate	0.645	0.0417	mg/kg wet	0.833		77.4	34-116				
Dimethyl phthalate	0.665	0.0417	"	0.833		79.8	35-124				
Di-n-butyl phthalate	0.690	0.0417	"	0.833		82.8	31-116				
Di-n-octyl phthalate	0.825	0.0417	"	0.833		99.0	26-136				
Diphenylamine	0.830	0.0833	"	0.833		99.6	40-140				
Fluoranthene	0.740	0.0417	"	0.833		88.8	33-122				
Fluorene	0.651	0.0417	"	0.833		78.2	29-123				
Hexachlorobenzene	0.593	0.0417	"	0.833		71.1	21-124				
Hexachlorobutadiene	0.576	0.0417	"	0.833		69.1	10-149				
Hexachlorocyclopentadiene	0.261	0.0417	"	0.833		31.3	10-129				
Hexachloroethane	0.566	0.0417	"	0.833		67.9	28-108				
Indeno(1,2,3-cd)pyrene	0.706	0.0417	"	0.833		84.8	10-135				
Isophorone	0.670	0.0417	"	0.833		80.4	20-132				
Naphthalene	0.697	0.0417	"	0.833		83.7	23-124				
Nitrobenzene	0.645	0.0417	"	0.833		77.4	13-132				
N-Nitrosodimethylamine	0.545	0.0417	"	0.833		65.4	11-129				
N-nitroso-di-n-propylamine	0.680	0.0417	"	0.833		81.6	24-119				
N-Nitrosodiphenylamine	0.882	0.0417	"	0.833		106	22-152				
Pentachlorophenol	0.280	0.0417	"	0.833		33.6	10-139				
Phenanthrene	0.717	0.0417	"	0.833		86.1	33-123				
Phenol	0.648	0.0417	"	0.833		77.7	23-115				
Pyrene	0.761	0.0417	"	0.833		91.3	32-130				
Pyridine	0.440	0.167	"	0.833		52.8	10-91				
Surrogate: 2-Fluorophenol	*1.87*		"	*2.55*		*73.6*	*20-108*				
Surrogate: Phenol-d5	*2.15*		"	*2.59*		*83.0*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.66*		"	*1.81*		*91.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.26*		"	*1.76*		*71.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.45*		"	*2.59*		*94.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.13*		"	*1.69*		*66.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80072 - EPA 3550C											
Blank (BB80072-BLK1)											Prepared: 02/02/2018 Analyzed: 02/04/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80102 - EPA 3550C											
Blank (BB80102-BLK1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0585*		"	*0.0667*		*87.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0411*		"	*0.0667*		*61.6*	*30-150*				
LCS (BB80102-BS1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
4,4'-DDD	0.0311	0.000330	mg/kg wet	0.0333		93.4	40-140				
4,4'-DDE	0.0278	0.000330	"	0.0333		83.4	40-140				
4,4'-DDT	0.0306	0.000330	"	0.0333		91.8	40-140				
Aldrin	0.0320	0.000330	"	0.0333		96.0	40-140				
alpha-BHC	0.0317	0.000330	"	0.0333		95.2	40-140				
alpha-Chlordane	0.0311	0.000330	"	0.0333		93.3	40-140				
beta-BHC	0.0315	0.000330	"	0.0333		94.5	40-140				
delta-BHC	0.0343	0.000330	"	0.0333		103	40-140				
Dieldrin	0.0336	0.000330	"	0.0333		101	40-140				
Endosulfan I	0.0396	0.000330	"	0.0333		119	40-140				
Endosulfan II	0.0353	0.000330	"	0.0333		106	40-140				
Endosulfan sulfate	0.0340	0.000330	"	0.0333		102	40-140				
Endrin	0.0315	0.000330	"	0.0333		94.6	40-140				
Endrin aldehyde	0.0341	0.000330	"	0.0333		102	40-140				
Endrin ketone	0.0365	0.000330	"	0.0333		110	40-140				
gamma-BHC (Lindane)	0.0308	0.000330	"	0.0333		92.3	40-140				
gamma-Chlordane	0.0306	0.000330	"	0.0333		91.8	40-140				
Heptachlor	0.0273	0.000330	"	0.0333		81.8	40-140				
Heptachlor epoxide	0.0296	0.000330	"	0.0333		88.7	40-140				
Methoxychlor	0.0238	0.00165	"	0.0333		71.3	40-140				
Surrogate: Decachlorobiphenyl	*0.0734*		"	*0.0667*		*110*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0565*		"	*0.0667*		*84.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)							Prepared & Analyzed: 11/27/2017				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B0601 - BL70213											
Performance Mix (Y8B0601-PEM1)							Prepared & Analyzed: 02/05/2018				
4,4'-DDD	6.76		ng/mL	0.00			0-200				
4,4'-DDE	0.563		"	0.00			0-200				
4,4'-DDT	116		"	200		58.0	0-200				
Endrin	78.8		"	100		78.8	0-200				
Endrin aldehyde	1.15		"	0.00			0-200				
Endrin ketone	6.40		"	0.00			0-200				
Batch Y8B0704 - BL70213											
Performance Mix (Y8B0704-PEM1)							Prepared & Analyzed: 02/06/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.539		"	0.00			0-200				
4,4'-DDT	129		"	200		64.3	0-200				
Endrin	103		"	100		103	0-200				
Endrin aldehyde	1.22		"	0.00			0-200				
Endrin ketone	6.22		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B0704 - BL70213											
Performance Mix (Y8B0704-PEM2)							Prepared & Analyzed: 02/06/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.600		"	0.00			0-200				
4,4'-DDT	176		"	200		87.9	0-200				
Endrin	116		"	100		116	0-200				
Endrin aldehyde	2.13		"	0.00			0-200				
Endrin ketone	7.41		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80102 - EPA 3550C											
Blank (BB80102-BLK2)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0667*		*83.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0437*		*"*	*0.0667*		*65.5*	*30-140*				
LCS (BB80102-BS2)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Aroclor 1016	0.380	0.0167	mg/kg wet	0.333		114	40-130				
Aroclor 1260	0.363	0.0167	"	0.333		109	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0683*		*"*	*0.0667*		*102*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0580*		*"*	*0.0667*		*87.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80115 - EPA 3550B/8151A											
Blank (BB80115-BLK1)											Prepared & Analyzed: 02/05/2018
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.388*		*"*	*0.500*		*77.6*	*30-150*				
LCS (BB80115-BS1)											Prepared & Analyzed: 02/05/2018
2,4,5-T	0.124	0.0200	mg/kg wet	0.160		77.5	40-140				
2,4,5-TP (Silvex)	0.128	0.0200	"	0.160		80.0	40-140				
2,4-D	0.115	0.0200	"	0.160		71.9	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.459*		*"*	*0.500*		*91.8*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80078 - EPA 3050B											
Blank (BB80078-BLK1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Aluminum	9.45	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	65.6	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	0.666	0.500	"								
Iron	5.26	2.00	"								
Lead	ND	0.500	"								
Magnesium	14.2	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	14.6	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BB80078-SRM1)											Prepared: 02/02/2018 Analyzed: 02/05/2018
Aluminum	6750	5.00	mg/kg wet	8090		83.4	49.8-149.6				
Antimony	96.7	0.500	"	99.3		97.4	0.5-207.5				
Arsenic	108	1.00	"	100		108	80.9-120				
Barium	226	1.00	"	217		104	81.6-118.4				
Beryllium	156	0.100	"	147		106	81.6-119.1				
Cadmium	86.1	0.300	"	83.7		103	81.2-118.9				
Calcium	6130	5.00	"	6010		102	80.9-119				
Chromium	104	0.500	"	107		97.5	77.5-121.5				
Cobalt	130	0.500	"	123		106	82.1-117.9				
Copper	185	0.500	"	166		112	80.7-118.7				
Iron	11200	2.00	"	14600		76.7	45.1-154.8				
Lead	93.0	0.500	"	88.4		105	81.2-118.8				
Magnesium	2860	5.00	"	2930		97.8	74.7-125.3				
Manganese	320	0.500	"	311		103	80.1-119.9				
Nickel	56.2	0.500	"	49.8		113	80.9-118.9				
Potassium	2460	5.00	"	2620		93.9	69.1-130.9				
Selenium	97.2	1.00	"	87.7		111	76.1-124.3				
Silver	41.2	0.500	"	41.4		99.5	73.7-126.1				
Sodium	257	10.0	"	252		102	69.1-131.4				
Thallium	60.3	1.00	"	58.1		104	77.6-122.6				
Vanadium	138	1.00	"	140		98.6	76.4-122.9				
Zinc	145	1.50	"	145		100	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80077 - EPA 7473 soil											
Blank (BB80077-BLK1)									Prepared & Analyzed: 02/02/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BB80077-SRM1)									Prepared & Analyzed: 02/02/2018		
Mercury	14.803		mg/kg	13.8		107	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80073 - EPA SW846-3060											
Blank (BB80073-BLK1)									Prepared & Analyzed: 02/02/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BB80073-SRM1)									Prepared & Analyzed: 02/02/2018		
Chromium, Hexavalent	152		mg/L	207		73.4	40.5-101.9				
Batch BB80120 - Analysis Preparation Soil											
Blank (BB80120-BLK1)									Prepared & Analyzed: 02/05/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BB80120-SRM1)									Prepared & Analyzed: 02/05/2018		
Cyanide, total	51.0		ug/mL	62.8		81.2	6.37-86				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0037-01	SB116_30-31	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
18B0037-02	SB116_33-34	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
18B0037-03	SB116_37-38	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
18B0037-04	SB116_42-43	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
A-01	Surrogate recovery >10%, therefore data is viable

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include additional VOA analyses.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0037

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: //
Address:
Phone No.
Attention:
E-Mail Address: SKNOPP@LANGAN.COM

Invoice To:

Company: //
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

703E4501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB116-30-31	02/01/18 1100	S	TCL+30 VOCs+SVOCs, PCBs, Pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB116-33-34	02/01/18 1115	S	TCL+30VOCs+SVOCs, PCBs, Pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4 40mL, 2 8oz
SB116-37-38	02/01/18 1135	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4 40mL, 2 8oz
SB116-42-43	02/01/18 1420	S	TCL+30VOCs+SVOCs, PCBs, PPST, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4 40mL, 2 8oz

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid
Other

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	02/01/18 1455		2/1/18 1455
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			2/1/18 1928

Temperature on Receipt 1.1 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/14/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0084

Report Date: 02/14/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0084

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 02, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0084-01	MW127_020218	Water	02/02/2018	02/02/2018
18B0084-02	GWTB01_020218	Water	02/02/2018	02/02/2018

General Notes for York Project (SDG) No.: 18B0084

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

Approved By:

Date: 02/14/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**2.75**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**0.280**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**17.5**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/07/2018 07:30	02/07/2018 14:31	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*28.8 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*17.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*98.2 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*71.7 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*91.2 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*56.0 %*	*30.7-106*

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
1912-24-9	* Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM Certifications:	02/05/2018 07:47	02/06/2018 14:14	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM Certifications:	02/05/2018 07:47	02/06/2018 14:14	SR
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
206-44-0	**Fluoranthene**	**0.0615**		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/05/2018 07:47	02/06/2018 14:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/05/2018 07:47	02/06/2018 14:14	SR
67-72-1	* Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM Certifications:	02/05/2018 07:47	02/06/2018 14:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
91-20-3	**Naphthalene**	**0.0615**		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/05/2018 07:47	02/06/2018 14:14	SR
98-95-3	* Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM Certifications:	02/05/2018 07:47	02/06/2018 14:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/05/2018 07:47	02/06/2018 14:14	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/05/2018 07:47	02/06/2018 14:14	SR

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.0615**		ug/L	0.0385	1	EPA 8270D SIM	02/05/2018 07:47	02/06/2018 14:14	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0692**		ug/L	0.0385	1	EPA 8270D SIM	02/05/2018 07:47	02/06/2018 14:14	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/05/2018 07:47	02/06/2018 17:18	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0222	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B	02/05/2018 07:58	02/06/2018 18:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A	02/05/2018 07:58	02/08/2018 00:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A	02/05/2018 07:58	02/08/2018 00:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A	02/05/2018 07:58	02/08/2018 00:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A	02/05/2018 07:58	02/08/2018 00:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A	02/05/2018 07:58	02/08/2018 00:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A	02/05/2018 07:58	02/08/2018 00:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A	02/05/2018 07:58	02/08/2018 00:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A	02/05/2018 07:58	02/08/2018 00:48	LAB
							Certifications:			

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.2 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.6 %*		*30-120*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 11:37	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 11:37	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 11:37	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*106 %*		*30-150*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.195**		mg/L	0.0556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.205**		mg/L	0.0111	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**137**		mg/L	0.0556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0166**		mg/L	0.00556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0257**	B	mg/L	0.00556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.708**		mg/L	0.0222	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**52.0**		mg/L	0.0556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.372**		mg/L	0.00556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0273**		mg/L	0.00556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**8.47**		mg/L	0.0556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**102**	B	mg/L	0.111	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0263**		mg/L	0.0167	1	EPA 6010C	02/05/2018 09:27	02/12/2018 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.203**		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**134**	B	mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0217**	B	mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**0.171**	B	mg/L	0.0222	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**51.6**	B	mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.397**		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**8.88**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**104**		mg/L	0.111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**0.0234**		mg/L	0.0167	1	EPA 6010C	02/07/2018 09:23	02/12/2018 18:50	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00438**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00440**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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

Sample Information

Client Sample ID: MW127_020218 **York Sample ID:** 18B0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 9:35 am	02/02/2018

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:54	02/14/2018 14:54	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:58	02/14/2018 14:58	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/03/2018 08:12	02/03/2018 08:35	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/08/2018 11:44	02/08/2018 11:50	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/06/2018 08:38	02/06/2018 15:08	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB01_020218 **York Sample ID:** 18B0084-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 12:00 am	02/02/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB01_020218 **York Sample ID:** 18B0084-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 12:00 am	02/02/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB01_020218 **York Sample ID:** 18B0084-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 12:00 am	02/02/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB01_020218 **York Sample ID:** 18B0084-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0084	170384501	Water	February 2, 2018 12:00 am	02/02/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/07/2018 07:30	02/07/2018 15:02	SS
							Certifications:			

Analytical Batch Summary

Batch ID: BB80114 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/03/18
BB80114-BLK1	Blank	02/03/18
BB80114-BS1	LCS	02/03/18
BB80114-DUP1	Duplicate	02/03/18

Batch ID: BB80121 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/05/18
18B0084-01	MW127_020218	02/05/18
BB80121-BLK1	Blank	02/05/18
BB80121-BLK1	Blank	02/05/18
BB80121-BLK2	Blank	02/05/18
BB80121-BS1	LCS	02/05/18
BB80121-BS2	LCS	02/05/18

Batch ID: BB80123 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** MAT

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/05/18
18B0084-01	MW127_020218	02/05/18
BB80123-BLK1	Blank	02/05/18
BB80123-BLK2	Blank	02/05/18
BB80123-BS1	LCS	02/05/18
BB80123-BS2	LCS	02/05/18
BB80123-BSD1	LCS Dup	02/05/18
BB80123-BSD2	LCS Dup	02/05/18

Batch ID: BB80129 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/05/18
BB80129-BLK1	Blank	02/05/18
BB80129-DUP1	Duplicate	02/05/18
BB80129-MS1	Matrix Spike	02/05/18
BB80129-SRM1	Reference	02/05/18

Batch ID: BB80192 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/06/18
BB80192-BLK1	Blank	02/06/18
BB80192-BS1	LCS	02/06/18

Batch ID: BB80206 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/06/18
BB80206-BLK1	Blank	02/06/18
BB80206-BS1	LCS	02/06/18
BB80206-DUP1	Duplicate	02/06/18
BB80206-MS1	Matrix Spike	02/06/18

Batch ID: BB80207 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/06/18
BB80207-BLK1	Blank	02/06/18
BB80207-DUP1	Duplicate	02/06/18
BB80207-MS1	Matrix Spike	02/06/18

Batch ID: BB80240 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/07/18
BB80240-BLK1	Blank	02/07/18
BB80240-BS1	LCS	02/07/18
BB80240-BSD1	LCS Dup	02/07/18

Batch ID: BB80251 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/07/18
18B0084-02	GWTB01_020218	02/07/18
BB80251-BLK1	Blank	02/07/18
BB80251-BS1	LCS	02/07/18
BB80251-BSD1	LCS Dup	02/07/18

Batch ID: BB80256 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/07/18
BB80256-BLK1	Blank	02/07/18
BB80256-DUP1	Duplicate	02/07/18
BB80256-MS1	Matrix Spike	02/07/18
BB80256-SRM1	Reference	02/07/18

Batch ID: BB80323 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date

18B0084-01	MW127_020218	02/08/18

Batch ID: BB80571 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/14/18
BB80571-BLK1	Blank	02/14/18
BB80571-BS1	LCS	02/14/18
BB80571-BS2	LCS	02/14/18

Batch ID: BB80574 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18B0084-01	MW127_020218	02/14/18
BB80574-BLK1	Blank	02/14/18
BB80574-BS1	LCS	02/14/18
BB80574-BS2	LCS	02/14/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
Blank (BB80251-BLK1)											Prepared & Analyzed: 02/07/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
Blank (BB80251-BLK1)								Prepared & Analyzed: 02/07/2018			
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS (BB80251-BS1)								Prepared & Analyzed: 02/07/2018			
1,1,1,2-Tetrachloroethane	9.74		ug/L	10.0		97.4	82-126				
1,1,1-Trichloroethane	9.06		"	10.0		90.6	78-136				
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.56		"	10.0		85.6	54-165				
1,1,2-Trichloroethane	9.05		"	10.0		90.5	82-123				
1,1-Dichloroethane	8.78		"	10.0		87.8	82-129				
1,1-Dichloroethylene	8.20		"	10.0		82.0	68-138				
1,2,3-Trichlorobenzene	12.0		"	10.0		120	76-136				
1,2,3-Trichloropropane	9.49		"	10.0		94.9	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	9.29		"	10.0		92.9	82-132				
1,2-Dibromo-3-chloropropane	9.15		"	10.0		91.5	45-147				
1,2-Dibromoethane	9.60		"	10.0		96.0	83-124				
1,2-Dichlorobenzene	9.58		"	10.0		95.8	79-123				
1,2-Dichloroethane	9.65		"	10.0		96.5	73-132				
1,2-Dichloropropane	8.71		"	10.0		87.1	78-126				
1,3,5-Trimethylbenzene	9.28		"	10.0		92.8	80-131				
1,3-Dichlorobenzene	9.39		"	10.0		93.9	86-122				
1,4-Dichlorobenzene	9.40		"	10.0		94.0	85-124				
1,4-Dioxane	237		"	210		113	10-349				
2-Butanone	9.81		"	10.0		98.1	49-152				
2-Hexanone	9.05		"	10.0		90.5	51-146				
4-Methyl-2-pentanone	8.38		"	10.0		83.8	57-145				
Acetone	8.92		"	10.0		89.2	14-150				
Acrolein	29.7		"	10.0		297	10-153	High Bias			
Acrylonitrile	7.59		"	10.0		75.9	51-150				
Benzene	9.09		"	10.0		90.9	85-126				
Bromochloromethane	8.67		"	10.0		86.7	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
LCS (BB80251-BS1)								Prepared & Analyzed: 02/07/2018			
Bromodichloromethane	8.94		ug/L	10.0		89.4	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	6.34		"	10.0		63.4	43-168				
Carbon disulfide	9.57		"	10.0		95.7	68-146				
Carbon tetrachloride	9.25		"	10.0		92.5	77-141				
Chlorobenzene	9.45		"	10.0		94.5	88-120				
Chloroethane	9.19		"	10.0		91.9	65-136				
Chloroform	9.26		"	10.0		92.6	82-128				
Chloromethane	8.07		"	10.0		80.7	43-155				
cis-1,2-Dichloroethylene	8.81		"	10.0		88.1	83-129				
cis-1,3-Dichloropropylene	9.27		"	10.0		92.7	80-131				
Cyclohexane	8.32		"	10.0		83.2	63-149				
Dibromochloromethane	9.93		"	10.0		99.3	80-130				
Dibromomethane	9.35		"	10.0		93.5	72-134				
Dichlorodifluoromethane	11.4		"	10.0		114	44-144				
Ethyl Benzene	9.52		"	10.0		95.2	80-131				
Hexachlorobutadiene	9.72		"	10.0		97.2	67-146				
Isopropylbenzene	8.94		"	10.0		89.4	76-140				
Methyl acetate	7.98		"	10.0		79.8	51-139				
Methyl tert-butyl ether (MTBE)	9.90		"	10.0		99.0	76-135				
Methylcyclohexane	8.47		"	10.0		84.7	72-143				
Methylene chloride	8.22		"	10.0		82.2	55-137				
n-Butylbenzene	9.19		"	10.0		91.9	79-132				
n-Propylbenzene	8.97		"	10.0		89.7	78-133				
o-Xylene	9.59		"	10.0		95.9	78-130				
p- & m- Xylenes	19.5		"	20.0		97.3	77-133				
p-Isopropyltoluene	9.28		"	10.0		92.8	81-136				
sec-Butylbenzene	9.32		"	10.0		93.2	79-137				
Styrene	9.48		"	10.0		94.8	67-132				
tert-Butyl alcohol (TBA)	45.5		"	50.0		91.1	25-162				
tert-Butylbenzene	9.05		"	10.0		90.5	77-138				
Tetrachloroethylene	8.91		"	10.0		89.1	82-131				
Toluene	9.08		"	10.0		90.8	80-127				
trans-1,2-Dichloroethylene	8.44		"	10.0		84.4	80-132				
trans-1,3-Dichloropropylene	9.21		"	10.0		92.1	78-131				
Trichloroethylene	9.00		"	10.0		90.0	82-128				
Trichlorofluoromethane	9.75		"	10.0		97.5	67-139				
Vinyl Chloride	9.61		"	10.0		96.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.53*		*"*	*10.0*		*95.3*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

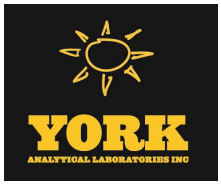
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
LCS Dup (BB80251-BSD1)								Prepared & Analyzed: 02/07/2018			
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0		98.0	82-126		0.614	30	
1,1,1-Trichloroethane	9.15		"	10.0		91.5	78-136		0.988	30	
1,1,2,2-Tetrachloroethane	9.16		"	10.0		91.6	76-129		1.52	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.66		"	10.0		86.6	54-165		1.16	30	
1,1,2-Trichloroethane	9.20		"	10.0		92.0	82-123		1.64	30	
1,1-Dichloroethane	8.89		"	10.0		88.9	82-129		1.25	30	
1,1-Dichloroethylene	8.52		"	10.0		85.2	68-138		3.83	30	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136		6.30	30	
1,2,3-Trichloropropane	9.49		"	10.0		94.9	77-128		0.00	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		1.48	30	
1,2,4-Trimethylbenzene	9.23		"	10.0		92.3	82-132		0.648	30	
1,2-Dibromo-3-chloropropane	8.91		"	10.0		89.1	45-147		2.66	30	
1,2-Dibromoethane	9.55		"	10.0		95.5	83-124		0.522	30	
1,2-Dichlorobenzene	9.53		"	10.0		95.3	79-123		0.523	30	
1,2-Dichloroethane	9.68		"	10.0		96.8	73-132		0.310	30	
1,2-Dichloropropane	8.66		"	10.0		86.6	78-126		0.576	30	
1,3,5-Trimethylbenzene	9.25		"	10.0		92.5	80-131		0.324	30	
1,3-Dichlorobenzene	9.31		"	10.0		93.1	86-122		0.856	30	
1,4-Dichlorobenzene	9.29		"	10.0		92.9	85-124		1.18	30	
1,4-Dioxane	178		"	210		84.8	10-349		28.3	30	
2-Butanone	9.63		"	10.0		96.3	49-152		1.85	30	
2-Hexanone	8.51		"	10.0		85.1	51-146		6.15	30	
4-Methyl-2-pentanone	8.12		"	10.0		81.2	57-145		3.15	30	
Acetone	7.45		"	10.0		74.5	14-150		18.0	30	
Acrolein	29.7		"	10.0		297	10-153	High Bias	0.0336	30	
Acrylonitrile	7.69		"	10.0		76.9	51-150		1.31	30	
Benzene	9.26		"	10.0		92.6	85-126		1.85	30	
Bromochloromethane	8.69		"	10.0		86.9	77-128		0.230	30	
Bromodichloromethane	8.96		"	10.0		89.6	79-128		0.223	30	
Bromoform	10.1		"	10.0		101	78-133		0.494	30	
Bromomethane	7.00		"	10.0		70.0	43-168		9.90	30	
Carbon disulfide	9.89		"	10.0		98.9	68-146		3.29	30	
Carbon tetrachloride	9.38		"	10.0		93.8	77-141		1.40	30	
Chlorobenzene	9.51		"	10.0		95.1	88-120		0.633	30	
Chloroethane	9.54		"	10.0		95.4	65-136		3.74	30	
Chloroform	9.37		"	10.0		93.7	82-128		1.18	30	
Chloromethane	8.29		"	10.0		82.9	43-155		2.69	30	
cis-1,2-Dichloroethylene	8.91		"	10.0		89.1	83-129		1.13	30	
cis-1,3-Dichloropropylene	9.22		"	10.0		92.2	80-131		0.541	30	
Cyclohexane	8.53		"	10.0		85.3	63-149		2.49	30	
Dibromochloromethane	9.84		"	10.0		98.4	80-130		0.910	30	
Dibromomethane	9.11		"	10.0		91.1	72-134		2.60	30	
Dichlorodifluoromethane	11.8		"	10.0		118	44-144		3.55	30	
Ethyl Benzene	9.54		"	10.0		95.4	80-131		0.210	30	
Hexachlorobutadiene	9.61		"	10.0		96.1	67-146		1.14	30	
Isopropylbenzene	8.92		"	10.0		89.2	76-140		0.224	30	
Methyl acetate	7.88		"	10.0		78.8	51-139		1.26	30	
Methyl tert-butyl ether (MTBE)	9.98		"	10.0		99.8	76-135		0.805	30	
Methylcyclohexane	8.58		"	10.0		85.8	72-143		1.29	30	
Methylene chloride	8.47		"	10.0		84.7	55-137		3.00	30	
n-Butylbenzene	9.12		"	10.0		91.2	79-132		0.765	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
LCS Dup (BB80251-BSD1)								Prepared & Analyzed: 02/07/2018			
n-Propylbenzene	9.01		ug/L	10.0		90.1	78-133		0.445	30	
o-Xylene	9.66		"	10.0		96.6	78-130		0.727	30	
p- & m- Xylenes	19.6		"	20.0		98.0	77-133		0.666	30	
p-Isopropyltoluene	9.36		"	10.0		93.6	81-136		0.858	30	
sec-Butylbenzene	9.42		"	10.0		94.2	79-137		1.07	30	
Styrene	9.54		"	10.0		95.4	67-132		0.631	30	
tert-Butyl alcohol (TBA)	39.2		"	50.0		78.4	25-162		15.0	30	
tert-Butylbenzene	9.03		"	10.0		90.3	77-138		0.221	30	
Tetrachloroethylene	9.02		"	10.0		90.2	82-131		1.23	30	
Toluene	9.19		"	10.0		91.9	80-127		1.20	30	
trans-1,2-Dichloroethylene	8.69		"	10.0		86.9	80-132		2.92	30	
trans-1,3-Dichloropropylene	9.28		"	10.0		92.8	78-131		0.757	30	
Trichloroethylene	8.95		"	10.0		89.5	82-128		0.557	30	
Trichlorofluoromethane	9.92		"	10.0		99.2	67-139		1.73	30	
Vinyl Chloride	9.90		"	10.0		99.0	58-145		2.97	30	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB80121 - EPA 3510C

Blank (BB80121-BLK1) Prepared: 02/05/2018 Analyzed: 02/06/2018

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acenaphthene	ND	0.0500	"
Acenaphthylene	ND	0.0500	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Benzoic acid	ND	50.0	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80121 - EPA 3510C											
Blank (BB80121-BLK1)											
Prepared: 02/05/2018 Analyzed: 02/06/2018											
Dibenzofuran	ND	5.00	ug/L								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: 2-Fluorophenol	*26.6*		"	*76.4*		*34.8*	*19.7-63.1*				
Surrogate: Phenol-d5	*18.3*		"	*77.7*		*23.6*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*59.0*		"	*54.4*		*108*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*39.9*		"	*52.7*		*75.7*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*87.4*		"	*77.6*		*113*	*39.3-151*				
Surrogate: Terphenyl-d14	*35.9*		"	*50.6*		*70.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80121 - EPA 3510C											
Blank (BB80121-BLK2)											Prepared: 02/05/2018 Analyzed: 02/06/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BB80121-BS1)											Prepared: 02/05/2018 Analyzed: 02/06/2018
1,1-Biphenyl	16.1	5.00	ug/L	25.0		64.3	33-95				
1,2,4,5-Tetrachlorobenzene	14.1	5.00	"	25.0		56.3	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	20.2	5.00	"	25.0		80.8	16-141				
2,3,4,6-Tetrachlorophenol	15.2	5.00	"	25.0		60.7	30-130				
2,4,5-Trichlorophenol	16.0	5.00	"	25.0		64.1	32-114				
2,4,6-Trichlorophenol	16.2	5.00	"	25.0		65.0	35-118				
2,4-Dichlorophenol	16.4	5.00	"	25.0		65.6	25-116				
2,4-Dimethylphenol	15.8	5.00	"	25.0		63.4	15-116				
2,4-Dinitrophenol	10.2	5.00	"	25.0		40.9	10-170				
2,4-Dinitrotoluene	18.8	5.00	"	25.0		75.1	41-128				
2,6-Dinitrotoluene	17.1	5.00	"	25.0		68.3	45-116				
2-Chloronaphthalene	12.4	5.00	"	25.0		49.5	33-112				
2-Chlorophenol	13.1	5.00	"	25.0		52.2	15-120				
2-Methylnaphthalene	18.4	5.00	"	25.0		73.8	24-118				
2-Methylphenol	12.7	5.00	"	25.0		50.8	10-110				
2-Nitroaniline	18.5	5.00	"	25.0		74.1	34-129				
2-Nitrophenol	20.7	5.00	"	25.0		82.8	28-118				
3- & 4-Methylphenols	9.20	5.00	"	25.0		36.8	10-107				
3,3-Dichlorobenzidine	19.6	5.00	"	25.0		78.6	15-187				
3-Nitroaniline	15.6	5.00	"	25.0		62.2	24-134				
4,6-Dinitro-2-methylphenol	20.4	5.00	"	25.0		81.5	10-153				
4-Bromophenyl phenyl ether	20.3	5.00	"	25.0		81.1	34-120				
4-Chloro-3-methylphenol	21.8	5.00	"	25.0		87.0	20-120				
4-Chloroaniline	11.3	5.00	"	25.0		45.1	10-147				
4-Chlorophenyl phenyl ether	15.8	5.00	"	25.0		63.4	27-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80121 - EPA 3510C											
LCS (BB80121-BS1)								Prepared: 02/05/2018 Analyzed: 02/06/2018			
4-Nitroaniline	16.3	5.00	ug/L	25.0		65.2	13-134				
4-Nitrophenol	9.18	5.00	"	25.0		36.7	10-131				
Acenaphthene	16.0	0.0500	"	25.0		64.0	25-116				
Acenaphthylene	14.9	0.0500	"	25.0		59.7	26-116				
Acetophenone	17.8	5.00	"	25.0		71.0	25-110				
Aniline	6.72	5.00	"	25.0		26.9	10-117				
Anthracene	18.4	0.0500	"	25.0		73.6	25-123				
Benzaldehyde	17.3	5.00	"	25.0		69.2	29-117				
Benzo(a)anthracene	19.8	0.0500	"	25.0		79.0	33-125				
Benzo(a)pyrene	20.9	0.0500	"	25.0		83.7	32-132				
Benzo(b)fluoranthene	18.5	0.0500	"	25.0		74.0	22-137				
Benzo(g,h,i)perylene	19.8	0.0500	"	25.0		79.0	10-138				
Benzo(k)fluoranthene	18.1	0.0500	"	25.0		72.4	20-137				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	9.36	5.00	"	25.0		37.4	10-117				
Benzyl butyl phthalate	24.1	5.00	"	25.0		96.6	29-133				
Bis(2-chloroethoxy)methane	17.5	5.00	"	25.0		69.9	10-154				
Bis(2-chloroethyl)ether	15.0	5.00	"	25.0		59.9	17-125				
Bis(2-chloroisopropyl)ether	13.8	5.00	"	25.0		55.3	10-139				
Bis(2-ethylhexyl)phthalate	23.7	0.500	"	25.0		94.9	10-189				
Caprolactam	3.48	5.00	"	25.0		13.9	10-137				
Carbazole	16.0	5.00	"	25.0		64.0	42-126				
Chrysene	17.6	0.0500	"	25.0		70.5	32-124				
Dibenzo(a,h)anthracene	20.0	0.0500	"	25.0		80.2	16-133				
Dibenzofuran	16.3	5.00	"	25.0		65.3	36-113				
Diethyl phthalate	16.2	5.00	"	25.0		64.7	38-115				
Dimethyl phthalate	17.7	5.00	"	25.0		70.8	38-129				
Di-n-butyl phthalate	19.3	5.00	"	25.0		77.2	31-120				
Di-n-octyl phthalate	22.8	5.00	"	25.0		91.1	21-149				
Diphenylamine	24.8	5.00	"	25.0		99.2	40-140				
Fluoranthene	18.8	0.0500	"	25.0		75.2	32-121				
Fluorene	15.6	0.0500	"	25.0		62.5	28-118				
Hexachlorobenzene	17.4	0.0200	"	25.0		69.8	23-124				
Hexachlorobutadiene	13.8	0.500	"	25.0		55.0	15-123				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Hexachloroethane	12.8	0.500	"	25.0		51.2	18-115				
Indeno(1,2,3-cd)pyrene	19.4	0.0500	"	25.0		77.7	15-135				
Isophorone	17.8	5.00	"	25.0		71.1	25-127				
Naphthalene	15.7	0.0500	"	25.0		62.7	18-120				
Nitrobenzene	17.1	0.250	"	25.0		68.3	21-121				
N-Nitrosodimethylamine	4.78	0.500	"	25.0		19.1	10-124				
N-nitroso-di-n-propylamine	18.0	5.00	"	25.0		72.0	26-122				
N-Nitrosodiphenylamine	26.3	5.00	"	25.0		105	23-149				
Pentachlorophenol	7.50	0.250	"	25.0		30.0	10-156				
Phenanthrene	18.3	0.0500	"	25.0		73.2	24-127				
Phenol	4.60	5.00	"	25.0		18.4	10-110				
Pyrene	20.0	0.0500	"	25.0		80.2	31-132				
Pyridine	4.02	5.00	"	25.0		16.1	10-90				
Surrogate: 2-Fluorophenol	*21.2*		*"*	*76.4*		*27.7*	*19.7-63.1*				
Surrogate: Phenol-d5	*15.7*		*"*	*77.7*		*20.2*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*47.9*		*"*	*54.4*		*88.0*	*50.2-113*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80121 - EPA 3510C											
LCS (BB80121-BS1)								Prepared: 02/05/2018 Analyzed: 02/06/2018			
Surrogate: 2-Fluorobiphenyl	*29.3*		*ug/L*	*52.7*		*55.7*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*77.4*		*"*	*77.6*		*99.8*	*39.3-151*				
Surrogate: Terphenyl-d14	*30.7*		*"*	*50.6*		*60.7*	*30.7-106*				
LCS (BB80121-BS2)								Prepared: 02/05/2018 Analyzed: 02/06/2018			
Acenaphthene	0.530	0.0500	ug/L	1.00		53.0	25-116				
Acenaphthylene	0.550	0.0500	"	1.00		55.0	26-116				
Anthracene	0.690	0.0500	"	1.00		69.0	25-123				
Benzo(a)anthracene	0.860	0.0500	"	1.00		86.0	33-125				
Benzo(a)pyrene	0.880	0.0500	"	1.00		88.0	32-132				
Benzo(b)fluoranthene	0.880	0.0500	"	1.00		88.0	22-137				
Benzo(g,h,i)perylene	0.980	0.0500	"	1.00		98.0	10-138				
Benzo(k)fluoranthene	0.840	0.0500	"	1.00		84.0	20-137				
Bis(2-ethylhexyl)phthalate	0.800	0.500	"	1.00		80.0	10-189				
Chrysene	0.800	0.0500	"	1.00		80.0	32-124				
Dibenzo(a,h)anthracene	0.930	0.0500	"	1.00		93.0	16-133				
Fluoranthene	0.790	0.0500	"	1.00		79.0	32-121				
Fluorene	0.610	0.0500	"	1.00		61.0	28-118				
Hexachlorobenzene	0.840	0.0200	"	1.00		84.0	23-124				
Hexachlorobutadiene	0.600	0.500	"	1.00		60.0	15-123				
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.920	0.0500	"	1.00		92.0	15-135				
Naphthalene	0.620	0.0500	"	1.00		62.0	18-120				
Nitrobenzene	0.940	0.250	"	1.00		94.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.400	0.250	"	1.00		40.0	10-156				
Phenanthrene	0.640	0.0500	"	1.00		64.0	24-127				
Pyrene	0.740	0.0500	"	1.00		74.0	31-132				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80121 - EPA 3510C											
Blank (BB80121-BLK1)											Prepared: 02/05/2018 Analyzed: 02/06/2018
Tentatively Identified Compounds	0.00		ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80123 - EPA SW846-3510C Low Level											
Blank (BB80123-BLK1)									Prepared: 02/05/2018 Analyzed: 02/06/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.184*		*"*	*0.209*		*88.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.138*		*"*	*0.202*		*68.5*	*30-150*				
LCS (BB80123-BS1)									Prepared: 02/05/2018 Analyzed: 02/06/2018		
4,4'-DDD	0.0833	0.00400	ug/L	0.100		83.3	40-140				
4,4'-DDE	0.0740	0.00400	"	0.100		74.0	40-140				
4,4'-DDT	0.0823	0.00400	"	0.100		82.3	40-140				
Aldrin	0.0624	0.00400	"	0.100		62.4	40-140				
alpha-BHC	0.0682	0.00400	"	0.100		68.2	40-140				
alpha-Chlordane	0.0634	0.00400	"	0.100		63.4	40-140				
beta-BHC	0.0734	0.00400	"	0.100		73.4	40-140				
delta-BHC	0.0617	0.00400	"	0.100		61.7	40-140				
Dieldrin	0.0708	0.00200	"	0.100		70.8	40-140				
Endosulfan I	0.0705	0.00400	"	0.100		70.5	40-140				
Endosulfan II	0.0770	0.00400	"	0.100		77.0	40-140				
Endosulfan sulfate	0.0808	0.00400	"	0.100		80.8	40-140				
Endrin	0.0737	0.00400	"	0.100		73.7	40-140				
Endrin aldehyde	0.0850	0.0100	"	0.100		85.0	40-140				
Endrin ketone	0.0868	0.0100	"	0.100		86.8	40-140				
gamma-BHC (Lindane)	0.0668	0.00400	"	0.100		66.8	40-140				
gamma-Chlordane	0.0606	0.0100	"	0.100		60.6	40-140				
Heptachlor	0.0638	0.00400	"	0.100		63.8	40-140				
Heptachlor epoxide	0.0663	0.00400	"	0.100		66.3	40-140				
Methoxychlor	0.0825	0.00400	"	0.100		82.5	40-140				
Surrogate: Decachlorobiphenyl	*0.157*		*"*	*0.209*		*74.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.131*		*"*	*0.202*		*64.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80123 - EPA SW846-3510C Low Level											
LCS Dup (BB80123-BSD1)									Prepared: 02/05/2018 Analyzed: 02/06/2018		
4,4'-DDD	0.0986	0.00400	ug/L	0.100		98.6	40-140		16.8	20	
4,4'-DDE	0.0872	0.00400	"	0.100		87.2	40-140		16.4	20	
4,4'-DDT	0.0962	0.00400	"	0.100		96.2	40-140		15.5	20	
Aldrin	0.0663	0.00400	"	0.100		66.3	40-140		5.97	20	
alpha-BHC	0.0706	0.00400	"	0.100		70.6	40-140		3.39	20	
alpha-Chlordane	0.0715	0.00400	"	0.100		71.5	40-140		11.9	20	
beta-BHC	0.0823	0.00400	"	0.100		82.3	40-140		11.5	20	
delta-BHC	0.0717	0.00400	"	0.100		71.7	40-140		14.9	20	
Dieldrin	0.0815	0.00200	"	0.100		81.5	40-140		14.0	20	
Endosulfan I	0.0799	0.00400	"	0.100		79.9	40-140		12.6	20	
Endosulfan II	0.0882	0.00400	"	0.100		88.2	40-140		13.7	20	
Endosulfan sulfate	0.0931	0.00400	"	0.100		93.1	40-140		14.1	20	
Endrin	0.0851	0.00400	"	0.100		85.1	40-140		14.4	20	
Endrin aldehyde	0.0946	0.0100	"	0.100		94.6	40-140		10.7	20	
Endrin ketone	0.102	0.0100	"	0.100		102	40-140		16.2	20	
gamma-BHC (Lindane)	0.0711	0.00400	"	0.100		71.1	40-140		6.25	20	
gamma-Chlordane	0.0678	0.0100	"	0.100		67.8	40-140		11.3	20	
Heptachlor	0.0679	0.00400	"	0.100		67.9	40-140		6.20	20	
Heptachlor epoxide	0.0745	0.00400	"	0.100		74.5	40-140		11.6	20	
Methoxychlor	0.0960	0.00400	"	0.100		96.0	40-140		15.1	20	
Surrogate: Decachlorobiphenyl	*0.176*		*"*	*0.209*		*84.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.135*		*"*	*0.202*		*66.9*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)									Prepared & Analyzed: 11/27/2017		
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B0704 - BL70213											
Performance Mix (Y8B0704-PEM1)								Prepared & Analyzed: 02/06/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.539		"	0.00			0-200				
4,4'-DDT	129		"	200		64.3	0-200				
Endrin	103		"	100		103	0-200				
Endrin aldehyde	1.22		"	0.00			0-200				
Endrin ketone	6.22		"	0.00			0-200				
Performance Mix (Y8B0704-PEM2)								Prepared & Analyzed: 02/06/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.600		"	0.00			0-200				
4,4'-DDT	176		"	200		87.9	0-200				
Endrin	116		"	100		116	0-200				
Endrin aldehyde	2.13		"	0.00			0-200				
Endrin ketone	7.41		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80123 - EPA SW846-3510C Low Level											
Blank (BB80123-BLK2)								Prepared: 02/05/2018 Analyzed: 02/06/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.148*		*"*	*0.202*		*73.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.160*		*"*	*0.209*		*76.6*	*30-120*				
LCS (BB80123-BS2)								Prepared: 02/05/2018 Analyzed: 02/06/2018			
Aroclor 1016	0.915	0.0500	ug/L	1.00		91.5	40-120				
Aroclor 1260	1.07	0.0500	"	1.00		107	40-120				
Surrogate: Tetrachloro-m-xylene	*0.138*		*"*	*0.202*		*68.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.153*		*"*	*0.209*		*73.2*	*30-120*				
LCS Dup (BB80123-BSD2)								Prepared: 02/05/2018 Analyzed: 02/06/2018			
Aroclor 1016	1.09	0.0500	ug/L	1.00		109	40-120		17.1	30	
Aroclor 1260	1.11	0.0500	"	1.00		111	40-120		4.31	30	
Surrogate: Tetrachloro-m-xylene	*0.160*		*"*	*0.202*		*79.2*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.168*		*"*	*0.209*		*80.4*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80240 - EPA 3535A											
Blank (BB80240-BLK1)								Prepared & Analyzed: 02/07/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*139*		*"*	*125*		*111*	*30-150*				
LCS (BB80240-BS1)								Prepared & Analyzed: 02/07/2018			
2,4,5-T	38.8	5.00	ug/L	40.0		96.9	40-140				
2,4,5-TP (Silvex)	40.0	5.00	"	40.0		100	40-140				
2,4-D	36.2	5.00	"	40.0		90.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*145*		*"*	*125*		*116*	*30-150*				
LCS Dup (BB80240-BSD1)								Prepared & Analyzed: 02/07/2018			
2,4,5-T	37.5	5.00	ug/L	40.0		93.8	40-140		3.28	30	
2,4,5-TP (Silvex)	38.5	5.00	"	40.0		96.2	40-140		3.82	30	
2,4-D	34.8	5.00	"	40.0		86.9	40-140		4.23	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*137*		*"*	*125*		*110*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80129 - EPA 3015A											
Blank (BB80129-BLK1)											Prepared: 02/05/2018 Analyzed: 02/06/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	0.00563	0.00556	"								
Iron	ND	0.0222	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	0.294	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Duplicate (BB80129-DUP1)	*Source sample: 18B0084-01 (MW127_020218)										Prepared: 02/05/2018 Analyzed: 02/06/2018
Aluminum	0.254	0.0556	mg/L		0.195				26.2	20	Non-dir.
Barium	0.211	0.0111	"		0.205				3.08	20	
Calcium	135	0.0556	"		137				1.53	20	
Chromium	0.0159	0.00556	"		0.0166				4.47	20	
Copper	0.0157	0.00556	"		0.0257				48.4	20	Non-dir.
Iron	0.768	0.0222	"		0.708				8.19	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	52.2	0.0556	"		52.0				0.466	20	
Manganese	0.394	0.00556	"		0.372				5.58	20	
Nickel	0.0271	0.00556	"		0.0273				0.728	20	
Potassium	8.35	0.0556	"		8.47				1.46	20	
Silver	ND	0.00556	"		ND					20	
Sodium	95.9	0.111	"		102				6.08	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0176	0.0167	"		0.0263				39.7	20	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80129 - EPA 3015A											
Matrix Spike (BB80129-MS1)	*Source sample: 18B0084-01 (MW127_020218)							Prepared: 02/05/2018 Analyzed: 02/06/2018			
Barium	2.57	0.0111	mg/L	2.22	0.205	107	75-125				
Chromium	0.253	0.00556	"	0.222	0.0166	107	75-125				
Copper	0.316	0.00556	"	0.278	0.0257	104	75-125				
Iron	1.90	0.0222	"	1.11	0.708	107	75-125				
Lead	0.495	0.00556	"	0.556	ND	89.2	75-125				
Manganese	1.00	0.00556	"	0.556	0.372	114	75-125				
Nickel	0.531	0.00556	"	0.556	0.0273	90.6	75-125				
Silver	0.0443	0.00556	"	0.0556	ND	79.7	75-125				
Vanadium	0.588	0.0111	"	0.556	ND	106	75-125				
Zinc	0.518	0.0167	"	0.556	0.0263	88.5	75-125				
Reference (BB80129-SRM1)								Prepared: 02/05/2018 Analyzed: 02/06/2018			
Aluminum	0.874		ug/mL	0.720		121	81.4-117.2	High Bias			
Barium	0.533		"	0.500		107	85-115				
Calcium	31.1		"	33.0		94.3	86.5-114.3				
Chromium	0.879		"	0.860		102	85-115				
Copper	0.339		"	0.320		106	85-115				
Iron	1.41		"	1.40		101	84.9-115				
Lead	0.648		"	0.640		101	85-115				
Magnesium	77.7		"	80.1		97.0	86.3-114.8				
Manganese	1.08		"	1.02		106	84.9-115				
Nickel	1.80		"	1.78		101	87-113.7				
Potassium	9.47		"	10.3		91.9	84.9-115				
Silver	0.599		"	0.600		99.8	85-115				
Sodium	23.4		"	22.7		103	85-115				
Vanadium	1.69		"	1.66		102	85-114.9				
Zinc	1.58		"	1.62		97.3	84.9-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80256 - EPA 3015A											
Blank (BB80256-BLK1)											Prepared: 02/07/2018 Analyzed: 02/12/2018
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	0.167	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	0.00604	0.00556	"								
Iron - Dissolved	0.0438	0.0222	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	0.0593	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0167	"								
Duplicate (BB80256-DUP1)	*Source sample: 18B0084-01 (MW127_020218)										Prepared: 02/07/2018 Analyzed: 02/08/2018
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.193	0.0111	"		0.203				5.00	20	
Calcium - Dissolved	126	0.0556	"		134				6.20	20	
Chromium - Dissolved	0.00622	0.00556	"		ND					20	
Copper - Dissolved	0.0239	0.00556	"		0.0217				9.87	20	
Iron - Dissolved	0.175	0.0222	"		0.171				2.28	20	
Lead - Dissolved	0.0381	0.00556	"		ND					20	
Magnesium - Dissolved	49.4	0.0556	"		51.6				4.36	20	
Manganese - Dissolved	0.381	0.00556	"		0.397				4.15	20	
Nickel - Dissolved	0.00868	0.00556	"		ND					20	
Potassium - Dissolved	8.55	0.0556	"		8.88				3.79	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	99.4	0.111	"		104				4.84	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	0.0275	0.0167	"		0.0234				16.3	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80256 - EPA 3015A											
Matrix Spike (BB80256-MS1)	*Source sample: 18B0084-01 (MW127_020218)								Prepared: 02/07/2018 Analyzed: 02/08/2018		
Barium - Dissolved	2.19	0.0111	mg/L	2.22	0.203	89.2	75-125				
Chromium - Dissolved	0.197	0.00556	"	0.222	ND	88.7	75-125				
Copper - Dissolved	0.276	0.00556	"	0.278	0.0217	91.5	75-125				
Iron - Dissolved	1.13	0.0222	"	1.11	0.171	86.6	75-125				
Lead - Dissolved	0.520	0.00556	"	0.556	ND	93.5	75-125				
Manganese - Dissolved	0.879	0.00556	"	0.556	0.397	86.7	75-125				
Nickel - Dissolved	0.506	0.00556	"	0.556	ND	91.0	75-125				
Silver - Dissolved	0.0441	0.00556	"	0.0556	ND	79.4	75-125				
Vanadium - Dissolved	0.499	0.0111	"	0.556	ND	89.8	75-125				
Zinc - Dissolved	0.504	0.0167	"	0.556	0.0234	86.5	75-125				
Reference (BB80256-SRM1)									Prepared: 02/07/2018 Analyzed: 02/12/2018		
Aluminum - Dissolved	0.981		ug/mL	0.720		136	81.4-117.2	High Bias			
Barium - Dissolved	0.514		"	0.500		103	85-115				
Calcium - Dissolved	34.1		"	33.0		103	86.5-114.3				
Chromium - Dissolved	0.953		"	0.860		111	85-115				
Copper - Dissolved	0.403		"	0.320		126	85-115	High Bias			
Iron - Dissolved	1.66		"	1.40		119	84.9-115	High Bias			
Lead - Dissolved	0.823		"	0.640		129	85-115	High Bias			
Magnesium - Dissolved	83.5		"	80.1		104	86.3-114.8				
Manganese - Dissolved	1.11		"	1.02		108	84.9-115				
Nickel - Dissolved	1.86		"	1.78		105	87-113.7				
Potassium - Dissolved	10.4		"	10.3		101	84.9-115				
Silver - Dissolved	0.587		"	0.600		97.9	85-115				
Sodium - Dissolved	23.0		"	22.7		101	85-115				
Vanadium - Dissolved	1.76		"	1.66		106	85-114.9				
Zinc - Dissolved	1.67		"	1.62		103	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80206 - EPA 3015A											
Blank (BB80206-BLK1)										Prepared: 02/06/2018 Analyzed: 02/08/2018	
Antimony	0.00133	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB80206-BS1)										Prepared: 02/06/2018 Analyzed: 02/08/2018	
Antimony	48.5		ug/L	50.0		97.1	80-120				
Arsenic	42.8		"	50.0		85.7	80-120				
Beryllium	48.0		"	50.0		96.0	80-120				
Cadmium	45.1		"	50.0		90.2	80-120				
Selenium	41.2		"	50.0		82.3	80-120				
Thallium	50.5		"	50.0		101	80-120				
Duplicate (BB80206-DUP1)	*Source sample: 18B0084-01 (MW127_020218)									Prepared: 02/06/2018 Analyzed: 02/08/2018	
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	ND	0.00111	"		ND					20	
Beryllium	ND	0.00111	"		ND					20	
Cadmium	ND	0.00111	"		ND					20	
Selenium	0.00438	0.00111	"		0.00438				0.161	20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB80206-MS1)	*Source sample: 18B0084-01 (MW127_020218)									Prepared: 02/06/2018 Analyzed: 02/08/2018	
Antimony	47.2		ug/L	50.0	0.452	93.5	75-125				
Arsenic	43.6		"	50.0	-0.359	87.2	75-125				
Beryllium	46.3		"	50.0	0.013	92.7	75-125				
Cadmium	43.2		"	50.0	0.018	86.4	75-125				
Selenium	44.8		"	50.0	3.94	81.7	75-125				
Thallium	47.3		"	50.0	0.331	94.0	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80207 - EPA 3015A											
Blank (BB80207-BLK1)										Prepared: 02/06/2018 Analyzed: 02/08/2018	
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.00111	"								
Cadmium - Dissolved	ND	0.00111	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
Duplicate (BB80207-DUP1)	*Source sample: 18B0084-01 (MW127_020218)									Prepared: 02/06/2018 Analyzed: 02/08/2018	
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	ND	0.00111	"		ND					20	
Beryllium - Dissolved	ND	0.00111	"		ND					20	
Cadmium - Dissolved	ND	0.00111	"		ND					20	
Selenium - Dissolved	0.00487	0.00111	"		0.00440				10.2	20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BB80207-MS1)	*Source sample: 18B0084-01 (MW127_020218)									Prepared: 02/06/2018 Analyzed: 02/08/2018	
Antimony - Dissolved	49.0		ug/L	50.0	0.330	97.4	75-125				
Arsenic - Dissolved	43.4		"	50.0	-0.122	86.8	75-125				
Beryllium - Dissolved	43.5		"	50.0	0.009	87.1	75-125				
Cadmium - Dissolved	44.1		"	50.0	0.013	88.1	75-125				
Selenium - Dissolved	43.7		"	50.0	3.96	79.4	75-125				
Thallium - Dissolved	48.1		"	50.0	0.546	95.0	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80571 - EPA SW846-7470											
Blank (BB80571-BLK1)									Prepared & Analyzed: 02/14/2018		
Mercury	ND	0.0002	mg/L								
LCS (BB80571-BS1)									Prepared & Analyzed: 02/14/2018		
Mercury	0.002325	0.0002	mg/L	0.00200		116	80-120				
LCS (BB80571-BS2)									Prepared & Analyzed: 02/14/2018		
Mercury	0.002262	0.0002	mg/L	0.00200		113	80-120				
Batch BB80574 - EPA SW846-7470											
Blank (BB80574-BLK1)									Prepared & Analyzed: 02/14/2018		
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BB80574-BS1)									Prepared & Analyzed: 02/14/2018		
Mercury - Dissolved	0.0019	0.0002	mg/L	0.00200		97.0	80-120				
LCS (BB80574-BS2)									Prepared & Analyzed: 02/14/2018		
Mercury - Dissolved	0.0022	0.0002	mg/L	0.00200		109	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80114 - Analysis Preparation											
Blank (BB80114-BLK1)									Prepared & Analyzed: 02/03/2018		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB80114-BS1)									Prepared & Analyzed: 02/03/2018		
Chromium, Hexavalent	0.477	0.0100	mg/L	0.500		95.4	80-120				
Duplicate (BB80114-DUP1)	*Source sample: 18B0084-01 (MW127_020218)								Prepared & Analyzed: 02/03/2018		
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Batch BB80192 - Analysis Preparation											
Blank (BB80192-BLK1)									Prepared & Analyzed: 02/06/2018		
Cyanide, total	ND	0.0100	mg/L								
LCS (BB80192-BS1)									Prepared & Analyzed: 02/06/2018		
Cyanide, total	0.169	0.0100	mg/L	0.200		84.5	76.2-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0084-01	MW127_020218	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0084-02	GWTB01_020218	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0084

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST FL NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes

S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW127-020218	02/02/18 0935	GW	TCL+30 VOCs, SVOCs, PCBs, pest, herb, TAL Metals (total+dis), Cr^{6+}, Cr^{3+}, 1-4	4 x 250mL, 6 x 1000mL, 3 x 40mL
GWTB01_020218	02/02/18	GW	TCL+30 VOCs (2x40mL)	

Comments

Preservation Check those Applicable

Special Instructions
Field Filtered X
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By	02/02/18 1430	Samples Received By	2/2/18 1430
Samples Relinquished By	Date/Time	Samples Received in LAB by	2/2/18 1958 Date/Time

Temperature on Receipt 2.1 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/14/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0133

Report Date: 02/14/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0133

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 05, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0133-01	MW103_020518	Water	02/05/2018	02/05/2018
18B0133-02	GWFB01_020518	Water	02/05/2018	02/05/2018

General Notes for York Project (SDG) No.: 18B0133

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

Approved By:

Date: 02/14/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.20**		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**7.82**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**2.23**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.1 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	6.67	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	6.67	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	33.3	66.7	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

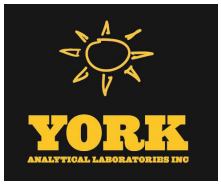
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.67	13.3	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*44.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*31.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*105 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*84.4 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*108 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*70.3 %*	*30.7-106*



Sample Information

Client Sample ID: **MW103_020518** **York Sample ID:** **18B0133-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
120-12-7	**Anthracene**	**0.0667**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
1912-24-9	* Atrazine	ND		ug/L	0.667	1	EPA 8270D SIM Certifications:	02/07/2018 09:35	02/08/2018 17:09	SR
56-55-3	**Benzo(a)anthracene**	**0.200**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
50-32-8	**Benzo(a)pyrene**	**0.173**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
205-99-2	**Benzo(b)fluoranthene**	**0.160**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.120**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
207-08-9	**Benzo(k)fluoranthene**	**0.160**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.667	1	EPA 8270D SIM Certifications:	02/07/2018 09:35	02/08/2018 17:09	SR
218-01-9	**Chrysene**	**0.187**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
206-44-0	**Fluoranthene**	**0.307**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
86-73-7	Fluorene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0267	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2018 09:35	02/08/2018 17:09	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2018 09:35	02/08/2018 17:09	SR
67-72-1	* Hexachloroethane	ND		ug/L	0.667	1	EPA 8270D SIM Certifications:	02/07/2018 09:35	02/08/2018 17:09	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.107**		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
91-20-3	Naphthalene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:09	SR
98-95-3	* Nitrobenzene	ND		ug/L	0.333	1	EPA 8270D SIM Certifications:	02/07/2018 09:35	02/08/2018 17:09	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.667	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2018 09:35	02/08/2018 17:09	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.333	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2018 09:35	02/08/2018 17:09	SR

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.213**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.307**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**furanone isomer**	**6.67**	N	ug/L			1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:			
NA	**Unknown alipahtic hydrocarbon**	**13.3**	N	ug/L			1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:			
NA	**unknown carboxylic acid**	**29.3**	N	ug/L			1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0229	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00229	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0114	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0114	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.114	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.9 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 11:50	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 11:50	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 11:50	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*117 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.701**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.104**		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**64.6**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.00702**		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0271**	B	mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**1.34**		mg/L	0.0222	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.00885**		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**17.9**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.146**		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**7.03**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**147**	B	mg/L	0.222	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0307**		mg/L	0.0167	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0788**		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**60.2**	B	mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0193**	B	mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**0.0800**	B	mg/L	0.0222	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**17.1**	B	mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.0411**		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**7.01**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Metals, Target Analyte, ICP Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**150**		mg/L	0.111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0199**		mg/L	0.0167	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**0.00117**	B	mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**0.00316**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.00316**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**0.00227**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.00280**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7470/7471

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

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:54	02/14/2018 14:54	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:58	02/14/2018 14:58	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.0440**		mg/L	0.0100	1	EPA 7196A	02/05/2018 20:17	02/06/2018 10:45	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/12/2018 12:38	02/12/2018 12:43	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/06/2018 08:38	02/06/2018 15:08	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analyzed by: Con-Test Analytical Laboratory

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.18	1	SW-846 8270D	02/12/2018 00:00	02/12/2018 00:00	
							Certifications:			

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.11**		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.680**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.380**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.7 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	4.35	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	4.35	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	21.7	43.5	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.870	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	4.35	8.70	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*30.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*19.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*91.0 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.2 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*86.6 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*62.3 %*	*30.7-106*

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
120-12-7	Anthracene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
1912-24-9	* Atrazine	ND		ug/L	0.435	1	EPA 8270D SIM Certifications:	02/07/2018 09:35	02/08/2018 17:41	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.435	1	EPA 8270D SIM Certifications:	02/07/2018 09:35	02/08/2018 17:41	SR
218-01-9	Chrysene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
206-44-0	Fluoranthene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
86-73-7	Fluorene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0174	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2018 09:35	02/08/2018 17:41	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2018 09:35	02/08/2018 17:41	SR
67-72-1	* Hexachloroethane	ND		ug/L	0.435	1	EPA 8270D SIM Certifications:	02/07/2018 09:35	02/08/2018 17:41	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
91-20-3	**Naphthalene**	**0.0435**		ug/L	0.0435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 09:35	02/08/2018 17:41	SR
98-95-3	* Nitrobenzene	ND		ug/L	0.217	1	EPA 8270D SIM Certifications:	02/07/2018 09:35	02/08/2018 17:41	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.435	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2018 09:35	02/08/2018 17:41	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.217	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/07/2018 09:35	02/08/2018 17:41	SR

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:			

Pesticides, 8081 target list

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0250	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:			

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.8 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.3 %*		*30-120*						

Herbicides, Target List

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 12:03	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 12:03	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 12:03	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*103 %*		*30-150*						

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00815**	B	mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.0419**		mg/L	0.0222	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/L	0.222	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0201**		mg/L	0.0167	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.00643**	B	mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**0.185**		mg/L	0.111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:54	02/14/2018 14:54	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:58	02/14/2018 14:58	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/05/2018 20:17	02/06/2018 10:45	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/12/2018 12:38	02/12/2018 12:43	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/06/2018 08:38	02/06/2018 15:08	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.19	1	SW-846 8270D	02/12/2018 00:00	02/12/2018 00:00	
							Certifications:			

Analytical Batch Summary

Batch ID: 2/12/2018 **Preparation Method:** EPA 3535A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/12/18
18B0133-02	GWFB01_020518	02/12/18

Batch ID: BB80179 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/05/18
18B0133-02	GWFB01_020518	02/05/18
BB80179-BLK1	Blank	02/05/18
BB80179-BS1	LCS	02/05/18
BB80179-DUP1	Duplicate	02/05/18
BB80179-MS1	Matrix Spike	02/05/18

Batch ID: BB80189 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** MAT

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/06/18
18B0133-01	MW103_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
BB80189-BLK1	Blank	02/06/18
BB80189-BLK2	Blank	02/06/18
BB80189-BS1	LCS	02/06/18
BB80189-BS2	LCS	02/06/18
BB80189-BSD1	LCS Dup	02/06/18
BB80189-BSD2	LCS Dup	02/06/18

Batch ID: BB80192 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
BB80192-BLK1	Blank	02/06/18
BB80192-BS1	LCS	02/06/18

Batch ID: BB80206 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
BB80206-BLK1	Blank	02/06/18
BB80206-BS1	LCS	02/06/18

Batch ID: BB80207 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
BB80207-BLK1	Blank	02/06/18

Batch ID: BB80240 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80240-BLK1	Blank	02/07/18
BB80240-BS1	LCS	02/07/18
BB80240-BSD1	LCS Dup	02/07/18

Batch ID: BB80244 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80244-BLK1	Blank	02/07/18
BB80244-BLK1	Blank	02/07/18
BB80244-BLK2	Blank	02/07/18
BB80244-BS1	LCS	02/07/18
BB80244-BS2	LCS	02/07/18
BB80244-BSD1	LCS Dup	02/07/18

Batch ID: BB80251 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80251-BLK1	Blank	02/07/18
BB80251-BS1	LCS	02/07/18
BB80251-BSD1	LCS Dup	02/07/18

Batch ID: BB80256 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80256-BLK1	Blank	02/07/18
BB80256-SRM1	Reference	02/07/18

Batch ID: BB80257 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80257-BLK1	Blank	02/07/18
BB80257-SRM1	Reference	02/07/18

Batch ID: BB80442 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/12/18
18B0133-02	GWFB01_020518	02/12/18

Batch ID: BB80571 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/14/18
18B0133-02	GWFB01_020518	02/14/18
BB80571-BLK1	Blank	02/14/18
BB80571-BS1	LCS	02/14/18
BB80571-BS2	LCS	02/14/18

Batch ID: BB80574 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/14/18
18B0133-02	GWFB01_020518	02/14/18
BB80574-BLK1	Blank	02/14/18
BB80574-BS1	LCS	02/14/18
BB80574-BS2	LCS	02/14/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
Blank (BB80251-BLK1)											Prepared & Analyzed: 02/07/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

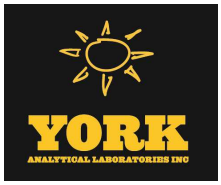
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
Blank (BB80251-BLK1)								Prepared & Analyzed: 02/07/2018			
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS (BB80251-BS1)								Prepared & Analyzed: 02/07/2018			
1,1,1,2-Tetrachloroethane	9.74		ug/L	10.0		97.4	82-126				
1,1,1-Trichloroethane	9.06		"	10.0		90.6	78-136				
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.56		"	10.0		85.6	54-165				
1,1,2-Trichloroethane	9.05		"	10.0		90.5	82-123				
1,1-Dichloroethane	8.78		"	10.0		87.8	82-129				
1,1-Dichloroethylene	8.20		"	10.0		82.0	68-138				
1,2,3-Trichlorobenzene	12.0		"	10.0		120	76-136				
1,2,3-Trichloropropane	9.49		"	10.0		94.9	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	9.29		"	10.0		92.9	82-132				
1,2-Dibromo-3-chloropropane	9.15		"	10.0		91.5	45-147				
1,2-Dibromoethane	9.60		"	10.0		96.0	83-124				
1,2-Dichlorobenzene	9.58		"	10.0		95.8	79-123				
1,2-Dichloroethane	9.65		"	10.0		96.5	73-132				
1,2-Dichloropropane	8.71		"	10.0		87.1	78-126				
1,3,5-Trimethylbenzene	9.28		"	10.0		92.8	80-131				
1,3-Dichlorobenzene	9.39		"	10.0		93.9	86-122				
1,4-Dichlorobenzene	9.40		"	10.0		94.0	85-124				
1,4-Dioxane	237		"	210		113	10-349				
2-Butanone	9.81		"	10.0		98.1	49-152				
2-Hexanone	9.05		"	10.0		90.5	51-146				
4-Methyl-2-pentanone	8.38		"	10.0		83.8	57-145				
Acetone	8.92		"	10.0		89.2	14-150				
Acrolein	29.7		"	10.0		297	10-153	High Bias			
Acrylonitrile	7.59		"	10.0		75.9	51-150				
Benzene	9.09		"	10.0		90.9	85-126				
Bromochloromethane	8.67		"	10.0		86.7	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
LCS (BB80251-BS1)								Prepared & Analyzed: 02/07/2018			
Bromodichloromethane	8.94		ug/L	10.0		89.4	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	6.34		"	10.0		63.4	43-168				
Carbon disulfide	9.57		"	10.0		95.7	68-146				
Carbon tetrachloride	9.25		"	10.0		92.5	77-141				
Chlorobenzene	9.45		"	10.0		94.5	88-120				
Chloroethane	9.19		"	10.0		91.9	65-136				
Chloroform	9.26		"	10.0		92.6	82-128				
Chloromethane	8.07		"	10.0		80.7	43-155				
cis-1,2-Dichloroethylene	8.81		"	10.0		88.1	83-129				
cis-1,3-Dichloropropylene	9.27		"	10.0		92.7	80-131				
Cyclohexane	8.32		"	10.0		83.2	63-149				
Dibromochloromethane	9.93		"	10.0		99.3	80-130				
Dibromomethane	9.35		"	10.0		93.5	72-134				
Dichlorodifluoromethane	11.4		"	10.0		114	44-144				
Ethyl Benzene	9.52		"	10.0		95.2	80-131				
Hexachlorobutadiene	9.72		"	10.0		97.2	67-146				
Isopropylbenzene	8.94		"	10.0		89.4	76-140				
Methyl acetate	7.98		"	10.0		79.8	51-139				
Methyl tert-butyl ether (MTBE)	9.90		"	10.0		99.0	76-135				
Methylcyclohexane	8.47		"	10.0		84.7	72-143				
Methylene chloride	8.22		"	10.0		82.2	55-137				
n-Butylbenzene	9.19		"	10.0		91.9	79-132				
n-Propylbenzene	8.97		"	10.0		89.7	78-133				
o-Xylene	9.59		"	10.0		95.9	78-130				
p- & m- Xylenes	19.5		"	20.0		97.3	77-133				
p-Isopropyltoluene	9.28		"	10.0		92.8	81-136				
sec-Butylbenzene	9.32		"	10.0		93.2	79-137				
Styrene	9.48		"	10.0		94.8	67-132				
tert-Butyl alcohol (TBA)	45.5		"	50.0		91.1	25-162				
tert-Butylbenzene	9.05		"	10.0		90.5	77-138				
Tetrachloroethylene	8.91		"	10.0		89.1	82-131				
Toluene	9.08		"	10.0		90.8	80-127				
trans-1,2-Dichloroethylene	8.44		"	10.0		84.4	80-132				
trans-1,3-Dichloropropylene	9.21		"	10.0		92.1	78-131				
Trichloroethylene	9.00		"	10.0		90.0	82-128				
Trichlorofluoromethane	9.75		"	10.0		97.5	67-139				
Vinyl Chloride	9.61		"	10.0		96.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.53*		*"*	*10.0*		*95.3*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

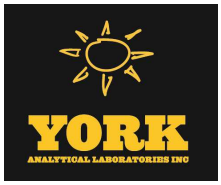
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
LCS Dup (BB80251-BSD1)								Prepared & Analyzed: 02/07/2018			
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0		98.0	82-126		0.614	30	
1,1,1-Trichloroethane	9.15		"	10.0		91.5	78-136		0.988	30	
1,1,2,2-Tetrachloroethane	9.16		"	10.0		91.6	76-129		1.52	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.66		"	10.0		86.6	54-165		1.16	30	
1,1,2-Trichloroethane	9.20		"	10.0		92.0	82-123		1.64	30	
1,1-Dichloroethane	8.89		"	10.0		88.9	82-129		1.25	30	
1,1-Dichloroethylene	8.52		"	10.0		85.2	68-138		3.83	30	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136		6.30	30	
1,2,3-Trichloropropane	9.49		"	10.0		94.9	77-128		0.00	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		1.48	30	
1,2,4-Trimethylbenzene	9.23		"	10.0		92.3	82-132		0.648	30	
1,2-Dibromo-3-chloropropane	8.91		"	10.0		89.1	45-147		2.66	30	
1,2-Dibromoethane	9.55		"	10.0		95.5	83-124		0.522	30	
1,2-Dichlorobenzene	9.53		"	10.0		95.3	79-123		0.523	30	
1,2-Dichloroethane	9.68		"	10.0		96.8	73-132		0.310	30	
1,2-Dichloropropane	8.66		"	10.0		86.6	78-126		0.576	30	
1,3,5-Trimethylbenzene	9.25		"	10.0		92.5	80-131		0.324	30	
1,3-Dichlorobenzene	9.31		"	10.0		93.1	86-122		0.856	30	
1,4-Dichlorobenzene	9.29		"	10.0		92.9	85-124		1.18	30	
1,4-Dioxane	178		"	210		84.8	10-349		28.3	30	
2-Butanone	9.63		"	10.0		96.3	49-152		1.85	30	
2-Hexanone	8.51		"	10.0		85.1	51-146		6.15	30	
4-Methyl-2-pentanone	8.12		"	10.0		81.2	57-145		3.15	30	
Acetone	7.45		"	10.0		74.5	14-150		18.0	30	
Acrolein	29.7		"	10.0		297	10-153	High Bias	0.0336	30	
Acrylonitrile	7.69		"	10.0		76.9	51-150		1.31	30	
Benzene	9.26		"	10.0		92.6	85-126		1.85	30	
Bromochloromethane	8.69		"	10.0		86.9	77-128		0.230	30	
Bromodichloromethane	8.96		"	10.0		89.6	79-128		0.223	30	
Bromoform	10.1		"	10.0		101	78-133		0.494	30	
Bromomethane	7.00		"	10.0		70.0	43-168		9.90	30	
Carbon disulfide	9.89		"	10.0		98.9	68-146		3.29	30	
Carbon tetrachloride	9.38		"	10.0		93.8	77-141		1.40	30	
Chlorobenzene	9.51		"	10.0		95.1	88-120		0.633	30	
Chloroethane	9.54		"	10.0		95.4	65-136		3.74	30	
Chloroform	9.37		"	10.0		93.7	82-128		1.18	30	
Chloromethane	8.29		"	10.0		82.9	43-155		2.69	30	
cis-1,2-Dichloroethylene	8.91		"	10.0		89.1	83-129		1.13	30	
cis-1,3-Dichloropropylene	9.22		"	10.0		92.2	80-131		0.541	30	
Cyclohexane	8.53		"	10.0		85.3	63-149		2.49	30	
Dibromochloromethane	9.84		"	10.0		98.4	80-130		0.910	30	
Dibromomethane	9.11		"	10.0		91.1	72-134		2.60	30	
Dichlorodifluoromethane	11.8		"	10.0		118	44-144		3.55	30	
Ethyl Benzene	9.54		"	10.0		95.4	80-131		0.210	30	
Hexachlorobutadiene	9.61		"	10.0		96.1	67-146		1.14	30	
Isopropylbenzene	8.92		"	10.0		89.2	76-140		0.224	30	
Methyl acetate	7.88		"	10.0		78.8	51-139		1.26	30	
Methyl tert-butyl ether (MTBE)	9.98		"	10.0		99.8	76-135		0.805	30	
Methylcyclohexane	8.58		"	10.0		85.8	72-143		1.29	30	
Methylene chloride	8.47		"	10.0		84.7	55-137		3.00	30	
n-Butylbenzene	9.12		"	10.0		91.2	79-132		0.765	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
LCS Dup (BB80251-BSD1)								Prepared & Analyzed: 02/07/2018			
n-Propylbenzene	9.01		ug/L	10.0		90.1	78-133		0.445	30	
o-Xylene	9.66		"	10.0		96.6	78-130		0.727	30	
p- & m- Xylenes	19.6		"	20.0		98.0	77-133		0.666	30	
p-Isopropyltoluene	9.36		"	10.0		93.6	81-136		0.858	30	
sec-Butylbenzene	9.42		"	10.0		94.2	79-137		1.07	30	
Styrene	9.54		"	10.0		95.4	67-132		0.631	30	
tert-Butyl alcohol (TBA)	39.2		"	50.0		78.4	25-162		15.0	30	
tert-Butylbenzene	9.03		"	10.0		90.3	77-138		0.221	30	
Tetrachloroethylene	9.02		"	10.0		90.2	82-131		1.23	30	
Toluene	9.19		"	10.0		91.9	80-127		1.20	30	
trans-1,2-Dichloroethylene	8.69		"	10.0		86.9	80-132		2.92	30	
trans-1,3-Dichloropropylene	9.28		"	10.0		92.8	78-131		0.757	30	
Trichloroethylene	8.95		"	10.0		89.5	82-128		0.557	30	
Trichlorofluoromethane	9.92		"	10.0		99.2	67-139		1.73	30	
Vinyl Chloride	9.90		"	10.0		99.0	58-145		2.97	30	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
Blank (BB80244-BLK1)									Prepared & Analyzed: 02/07/2018		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

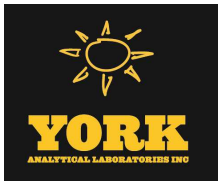
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
Blank (BB80244-BLK1)											Prepared & Analyzed: 02/07/2018
Dibenzofuran	ND	5.00	ug/L								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: 2-Fluorophenol	*24.1*		"	*76.4*		*31.5*	*19.7-63.1*				
Surrogate: Phenol-d5	*16.0*		"	*77.7*		*20.6*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*46.1*		"	*54.4*		*84.8*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*35.4*		"	*52.7*		*67.1*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*61.9*		"	*77.6*		*79.7*	*39.3-151*				
Surrogate: Terphenyl-d14	*33.1*		"	*50.6*		*65.4*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
Blank (BB80244-BLK2)								Prepared & Analyzed: 02/07/2018			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BB80244-BS1)								Prepared & Analyzed: 02/07/2018			
1,1-Biphenyl	20.8	5.00	ug/L	25.0		83.3	33-95				
1,2,4,5-Tetrachlorobenzene	19.9	5.00	"	25.0		79.5	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	21.0	5.00	"	25.0		84.2	16-141				
2,3,4,6-Tetrachlorophenol	45.0	5.00	"	25.0		180	30-130	High Bias			
2,4,5-Trichlorophenol	22.8	5.00	"	25.0		91.0	32-114				
2,4,6-Trichlorophenol	22.6	5.00	"	25.0		90.4	35-118				
2,4-Dichlorophenol	20.9	5.00	"	25.0		83.5	25-116				
2,4-Dimethylphenol	20.8	5.00	"	25.0		83.2	15-116				
2,4-Dinitrophenol	16.8	5.00	"	25.0		67.0	10-170				
2,4-Dinitrotoluene	22.7	5.00	"	25.0		90.7	41-128				
2,6-Dinitrotoluene	20.9	5.00	"	25.0		83.6	45-116				
2-Chloronaphthalene	16.1	5.00	"	25.0		64.4	33-112				
2-Chlorophenol	16.3	5.00	"	25.0		65.1	15-120				
2-Methylnaphthalene	22.4	5.00	"	25.0		89.8	24-118				
2-Methylphenol	14.9	5.00	"	25.0		59.6	10-110				
2-Nitroaniline	22.8	5.00	"	25.0		91.1	34-129				
2-Nitrophenol	23.8	5.00	"	25.0		95.2	28-118				
3- & 4-Methylphenols	11.7	5.00	"	25.0		46.7	10-107				
3,3-Dichlorobenzidine	18.8	5.00	"	25.0		75.3	15-187				
3-Nitroaniline	18.6	5.00	"	25.0		74.6	24-134				
4,6-Dinitro-2-methylphenol	22.5	5.00	"	25.0		90.0	10-153				
4-Bromophenyl phenyl ether	22.5	5.00	"	25.0		90.0	34-120				
4-Chloro-3-methylphenol	25.3	5.00	"	25.0		101	20-120				
4-Chloroaniline	14.0	5.00	"	25.0		55.9	10-147				
4-Chlorophenyl phenyl ether	20.8	5.00	"	25.0		83.3	27-121				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

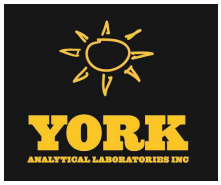
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
LCS (BB80244-BS1)								Prepared & Analyzed: 02/07/2018			
4-Nitroaniline	19.4	5.00	ug/L	25.0		77.5	13-134				
4-Nitrophenol	14.1	5.00	"	25.0		56.5	10-131				
Acenaphthene	24.8	0.0500	"	25.0		99.3	25-116				
Acenaphthylene	21.8	0.0500	"	25.0		87.1	26-116				
Acetophenone	19.6	5.00	"	25.0		78.3	25-110				
Aniline	6.97	5.00	"	25.0		27.9	10-117				
Anthracene	24.8	0.0500	"	25.0		99.3	25-123				
Benzaldehyde	19.5	5.00	"	25.0		78.0	29-117				
Benzo(a)anthracene	27.4	0.0500	"	25.0		110	33-125				
Benzo(a)pyrene	30.2	0.0500	"	25.0		121	32-132				
Benzo(b)fluoranthene	27.4	0.0500	"	25.0		109	22-137				
Benzo(g,h,i)perylene	26.6	0.0500	"	25.0		106	10-138				
Benzo(k)fluoranthene	27.2	0.0500	"	25.0		109	20-137				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	12.1	5.00	"	25.0		48.3	10-117				
Benzyl butyl phthalate	26.1	5.00	"	25.0		104	29-133				
Bis(2-chloroethoxy)methane	23.8	5.00	"	25.0		95.4	10-154				
Bis(2-chloroethyl)ether	18.0	5.00	"	25.0		71.8	17-125				
Bis(2-chloroisopropyl)ether	18.5	5.00	"	25.0		74.1	10-139				
Bis(2-ethylhexyl)phthalate	30.5	0.500	"	25.0		122	10-189				
Caprolactam	4.81	5.00	"	25.0		19.2	10-137				
Carbazole	18.1	5.00	"	25.0		72.6	42-126				
Chrysene	24.8	0.0500	"	25.0		99.1	32-124				
Dibenzo(a,h)anthracene	27.3	0.0500	"	25.0		109	16-133				
Dibenzofuran	19.9	5.00	"	25.0		79.5	36-113				
Diethyl phthalate	19.9	5.00	"	25.0		79.6	38-115				
Dimethyl phthalate	21.2	5.00	"	25.0		84.7	38-129				
Di-n-butyl phthalate	21.7	5.00	"	25.0		86.8	31-120				
Di-n-octyl phthalate	26.2	5.00	"	25.0		105	21-149				
Diphenylamine	24.8	5.00	"	25.0		99.4	40-140				
Fluoranthene	26.1	0.0500	"	25.0		104	32-121				
Fluorene	24.3	0.0500	"	25.0		97.2	28-118				
Hexachlorobenzene	21.7	0.0200	"	25.0		86.7	23-124				
Hexachlorobutadiene	22.0	0.500	"	25.0		88.1	15-123				
Hexachlorocyclopentadiene	5.44	10.0	"	25.0		21.8	10-130				
Hexachloroethane	21.7	0.500	"	25.0		86.8	18-115				
Indeno(1,2,3-cd)pyrene	27.8	0.0500	"	25.0		111	15-135				
Isophorone	21.4	5.00	"	25.0		85.5	25-127				
Naphthalene	26.8	0.0500	"	25.0		107	18-120				
Nitrobenzene	25.4	0.250	"	25.0		102	21-121				
N-Nitrosodimethylamine	10.6	0.500	"	25.0		42.4	10-124				
N-nitroso-di-n-propylamine	20.7	5.00	"	25.0		82.6	26-122				
N-Nitrosodiphenylamine	25.8	5.00	"	25.0		103	23-149				
Pentachlorophenol	9.90	0.250	"	25.0		39.6	10-156				
Phenanthrene	26.1	0.0500	"	25.0		104	24-127				
Phenol	6.26	5.00	"	25.0		25.0	10-110				
Pyrene	26.0	0.0500	"	25.0		104	31-132				
Pyridine	4.95	5.00	"	25.0		19.8	10-90				
Surrogate: 2-Fluorophenol	*28.6*		*"*	*76.4*		*37.4*	*19.7-63.1*				
Surrogate: Phenol-d5	*19.4*		*"*	*77.7*		*25.0*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*54.1*		*"*	*54.4*		*99.5*	*50.2-113*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
LCS (BB80244-BS1)								Prepared & Analyzed: 02/07/2018			
Surrogate: 2-Fluorobiphenyl	*41.4*		*ug/L*	*52.7*		*78.7*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*73.6*		*"*	*77.6*		*94.9*	*39.3-151*				
Surrogate: Terphenyl-d14	*36.7*		*"*	*50.6*		*72.5*	*30.7-106*				
LCS (BB80244-BS2)								Prepared & Analyzed: 02/07/2018			
Acenaphthene	0.740	0.0500	ug/L	1.00		74.0	25-116				
Acenaphthylene	0.780	0.0500	"	1.00		78.0	26-116				
Anthracene	0.850	0.0500	"	1.00		85.0	25-123				
Benzo(a)anthracene	0.950	0.0500	"	1.00		95.0	33-125				
Benzo(a)pyrene	0.980	0.0500	"	1.00		98.0	32-132				
Benzo(b)fluoranthene	0.970	0.0500	"	1.00		97.0	22-137				
Benzo(g,h,i)perylene	1.08	0.0500	"	1.00		108	10-138				
Benzo(k)fluoranthene	0.910	0.0500	"	1.00		91.0	20-137				
Bis(2-ethylhexyl)phthalate	0.820	0.500	"	1.00		82.0	10-189				
Chrysene	0.860	0.0500	"	1.00		86.0	32-124				
Dibenzo(a,h)anthracene	1.04	0.0500	"	1.00		104	16-133				
Fluoranthene	0.940	0.0500	"	1.00		94.0	32-121				
Fluorene	0.850	0.0500	"	1.00		85.0	28-118				
Hexachlorobenzene	1.21	0.0200	"	1.00		121	23-124				
Hexachlorobutadiene	0.820	0.500	"	1.00		82.0	15-123				
Hexachloroethane	0.560	0.500	"	1.00		56.0	18-115				
Indeno(1,2,3-cd)pyrene	1.03	0.0500	"	1.00		103	15-135				
Naphthalene	0.800	0.0500	"	1.00		80.0	18-120				
Nitrobenzene	1.14	0.250	"	1.00		114	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.660	0.250	"	1.00		66.0	10-156				
Phenanthrene	0.850	0.0500	"	1.00		85.0	24-127				
Pyrene	0.860	0.0500	"	1.00		86.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
LCS Dup (BB80244-BSD1)								Prepared & Analyzed: 02/07/2018			
1,1-Biphenyl	19.8	5.00	ug/L	25.0		79.3	33-95		4.97	20	
1,2,4,5-Tetrachlorobenzene	19.1	5.00	"	25.0		76.4	26-120		4.00	20	
1,2-Diphenylhydrazine (as Azobenzene)	20.8	5.00	"	25.0		83.0	16-141		1.34	20	
2,3,4,6-Tetrachlorophenol	46.6	5.00	"	25.0		187	30-130	High Bias	3.51	20	
2,4,5-Trichlorophenol	20.4	5.00	"	25.0		81.5	32-114		11.0	20	
2,4,6-Trichlorophenol	21.6	5.00	"	25.0		86.3	35-118		4.62	20	
2,4-Dichlorophenol	20.1	5.00	"	25.0		80.5	25-116		3.61	20	
2,4-Dimethylphenol	18.5	5.00	"	25.0		74.1	15-116		11.5	20	
2,4-Dinitrophenol	13.9	5.00	"	25.0		55.6	10-170		18.7	20	
2,4-Dinitrotoluene	22.8	5.00	"	25.0		91.0	41-128		0.308	20	
2,6-Dinitrotoluene	19.0	5.00	"	25.0		76.1	45-116		9.37	20	
2-Chloronaphthalene	16.0	5.00	"	25.0		63.9	33-112		0.686	20	
2-Chlorophenol	16.5	5.00	"	25.0		66.1	15-120		1.52	20	
2-Methylnaphthalene	21.8	5.00	"	25.0		87.0	24-118		3.08	20	
2-Methylphenol	14.1	5.00	"	25.0		56.5	10-110		5.37	20	
2-Nitroaniline	21.5	5.00	"	25.0		85.9	34-129		5.83	20	
2-Nitrophenol	25.6	5.00	"	25.0		102	28-118		7.28	20	
3- & 4-Methylphenols	11.0	5.00	"	25.0		44.2	10-107		5.55	20	
3,3-Dichlorobenzidine	18.4	5.00	"	25.0		73.8	15-187		2.09	20	
3-Nitroaniline	17.0	5.00	"	25.0		68.1	24-134		9.09	20	
4,6-Dinitro-2-methylphenol	21.4	5.00	"	25.0		85.7	10-153		4.92	20	
4-Bromophenyl phenyl ether	21.1	5.00	"	25.0		84.3	34-120		6.56	20	
4-Chloro-3-methylphenol	24.6	5.00	"	25.0		98.6	20-120		2.52	20	
4-Chloroaniline	13.5	5.00	"	25.0		54.1	10-147		3.35	20	
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		82.2	27-121		1.40	20	
4-Nitroaniline	19.3	5.00	"	25.0		77.3	13-134		0.258	20	
4-Nitrophenol	10.2	5.00	"	25.0		40.8	10-131		32.2	20	Non-dir.
Acenaphthene	20.8	0.0500	"	25.0		83.4	25-116		17.4	20	
Acenaphthylene	18.7	0.0500	"	25.0		74.9	26-116		15.1	20	
Acetophenone	20.1	5.00	"	25.0		80.4	25-110		2.62	20	
Aniline	7.29	5.00	"	25.0		29.2	10-117		4.49	20	
Anthracene	22.5	0.0500	"	25.0		90.0	25-123		9.85	20	
Benzaldehyde	21.1	5.00	"	25.0		84.5	29-117		8.02	20	
Benzo(a)anthracene	25.4	0.0500	"	25.0		102	33-125		7.65	20	
Benzo(a)pyrene	27.3	0.0500	"	25.0		109	32-132		9.91	20	
Benzo(b)fluoranthene	25.0	0.0500	"	25.0		100	22-137		8.85	20	
Benzo(g,h,i)perylene	25.2	0.0500	"	25.0		101	10-138		5.36	20	
Benzo(k)fluoranthene	24.1	0.0500	"	25.0		96.5	20-137		11.9	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	12.1	5.00	"	25.0		48.4	10-117		0.248	20	
Benzyl butyl phthalate	25.0	5.00	"	25.0		100	29-133		4.30	20	
Bis(2-chloroethoxy)methane	23.6	5.00	"	25.0		94.5	10-154		0.927	20	
Bis(2-chloroethyl)ether	18.4	5.00	"	25.0		73.6	17-125		2.48	20	
Bis(2-chloroisopropyl)ether	18.1	5.00	"	25.0		72.4	10-139		2.40	20	
Bis(2-ethylhexyl)phthalate	29.8	0.500	"	25.0		119	10-189		2.35	20	
Caprolactam	5.14	5.00	"	25.0		20.6	10-137		6.63	20	
Carbazole	18.4	5.00	"	25.0		73.5	42-126		1.31	20	
Chrysene	22.8	0.0500	"	25.0		91.4	32-124		8.15	20	
Dibenzo(a,h)anthracene	25.5	0.0500	"	25.0		102	16-133		7.01	20	
Dibenzofuran	19.2	5.00	"	25.0		76.9	36-113		3.32	20	
Diethyl phthalate	20.4	5.00	"	25.0		81.4	38-115		2.23	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
LCS Dup (BB80244-BSD1)								Prepared & Analyzed: 02/07/2018			
Dimethyl phthalate	20.4	5.00	ug/L	25.0		81.5	38-129		3.85	20	
Di-n-butyl phthalate	21.8	5.00	"	25.0		87.1	31-120		0.368	20	
Di-n-octyl phthalate	25.3	5.00	"	25.0		101	21-149		3.19	20	
Diphenylamine	25.2	5.00	"	25.0		101	40-140		1.48	20	
Fluoranthene	24.1	0.0500	"	25.0		96.4	32-121		7.86	20	
Fluorene	21.4	0.0500	"	25.0		85.5	28-118		12.7	20	
Hexachlorobenzene	20.2	0.0200	"	25.0		80.6	23-124		7.27	20	
Hexachlorobutadiene	18.6	0.500	"	25.0		74.4	15-123		16.9	20	
Hexachlorocyclopentadiene	5.21	10.0	"	25.0		20.8	10-130		4.32	20	
Hexachloroethane	17.2	0.500	"	25.0		68.8	18-115		23.1	20	Non-dir.
Indeno(1,2,3-cd)pyrene	25.5	0.0500	"	25.0		102	15-135		8.56	20	
Isophorone	20.2	5.00	"	25.0		80.6	25-127		5.92	20	
Naphthalene	22.1	0.0500	"	25.0		88.6	18-120		19.0	20	
Nitrobenzene	20.3	0.250	"	25.0		81.2	21-121		22.4	20	Non-dir.
N-Nitrosodimethylamine	9.01	0.500	"	25.0		36.0	10-124		16.3	20	
N-nitroso-di-n-propylamine	20.8	5.00	"	25.0		83.0	26-122		0.435	20	
N-Nitrosodiphenylamine	26.5	5.00	"	25.0		106	23-149		2.79	20	
Pentachlorophenol	9.27	0.250	"	25.0		37.1	10-156		6.57	20	
Phenanthrene	22.9	0.0500	"	25.0		91.5	24-127		13.1	20	
Phenol	6.07	5.00	"	25.0		24.3	10-110		3.08	20	
Pyrene	24.1	0.0500	"	25.0		96.3	31-132		7.82	20	
Pyridine	5.30	5.00	"	25.0		21.2	10-90		6.83	20	
Surrogate: 2-Fluorophenol	*26.0*		*"*	*76.4*		*34.0*	*19.7-63.1*				
Surrogate: Phenol-d5	*17.8*		*"*	*77.7*		*22.9*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*54.5*		*"*	*54.4*		*100*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*39.4*		*"*	*52.7*		*74.7*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*72.3*		*"*	*77.6*		*93.2*	*39.3-151*				
Surrogate: Terphenyl-d14	*32.5*		*"*	*50.6*		*64.3*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
Blank (BB80244-BLK1)											Prepared & Analyzed: 02/07/2018
Tentatively Identified Compounds	0.00		ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80189 - EPA SW846-3510C Low Level											
Blank (BB80189-BLK1)									Prepared: 02/06/2018 Analyzed: 02/07/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.184*		*"*	*0.209*		*87.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.135*		*"*	*0.202*		*66.7*	*30-150*				
LCS (BB80189-BS1)									Prepared: 02/06/2018 Analyzed: 02/07/2018		
4,4'-DDD	0.0929	0.00400	ug/L	0.100		92.9	40-140				
4,4'-DDE	0.0848	0.00400	"	0.100		84.8	40-140				
4,4'-DDT	0.0936	0.00400	"	0.100		93.6	40-140				
Aldrin	0.0697	0.00400	"	0.100		69.7	40-140				
alpha-BHC	0.0732	0.00400	"	0.100		73.2	40-140				
alpha-Chlordane	0.0680	0.00400	"	0.100		68.0	40-140				
beta-BHC	0.0832	0.00400	"	0.100		83.2	40-140				
delta-BHC	0.0671	0.00400	"	0.100		67.1	40-140				
Dieldrin	0.0804	0.00200	"	0.100		80.4	40-140				
Endosulfan I	0.0799	0.00400	"	0.100		79.9	40-140				
Endosulfan II	0.0839	0.00400	"	0.100		83.9	40-140				
Endosulfan sulfate	0.0921	0.00400	"	0.100		92.1	40-140				
Endrin	0.0840	0.00400	"	0.100		84.0	40-140				
Endrin aldehyde	0.0941	0.0100	"	0.100		94.1	40-140				
Endrin ketone	0.111	0.0100	"	0.100		111	40-140				
gamma-BHC (Lindane)	0.0729	0.00400	"	0.100		72.9	40-140				
gamma-Chlordane	0.0680	0.0100	"	0.100		68.0	40-140				
Heptachlor	0.0693	0.00400	"	0.100		69.3	40-140				
Heptachlor epoxide	0.0743	0.00400	"	0.100		74.3	40-140				
Methoxychlor	0.101	0.00400	"	0.100		101	40-140				
Surrogate: Decachlorobiphenyl	*0.180*		*"*	*0.209*		*86.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.136*		*"*	*0.202*		*67.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80189 - EPA SW846-3510C Low Level											
LCS Dup (BB80189-BSD1)									Prepared: 02/06/2018 Analyzed: 02/07/2018		
4,4'-DDD	0.0950	0.00400	ug/L	0.100		95.0	40-140		2.21	20	
4,4'-DDE	0.0854	0.00400	"	0.100		85.4	40-140		0.735	20	
4,4'-DDT	0.0928	0.00400	"	0.100		92.8	40-140		0.858	20	
Aldrin	0.0712	0.00400	"	0.100		71.2	40-140		2.21	20	
alpha-BHC	0.0741	0.00400	"	0.100		74.1	40-140		1.21	20	
alpha-Chlordane	0.0729	0.00400	"	0.100		72.9	40-140		6.93	20	
beta-BHC	0.0818	0.00400	"	0.100		81.8	40-140		1.68	20	
delta-BHC	0.0676	0.00400	"	0.100		67.6	40-140		0.795	20	
Dieldrin	0.0805	0.00200	"	0.100		80.5	40-140		0.136	20	
Endosulfan I	0.0807	0.00400	"	0.100		80.7	40-140		0.994	20	
Endosulfan II	0.0856	0.00400	"	0.100		85.6	40-140		1.97	20	
Endosulfan sulfate	0.0896	0.00400	"	0.100		89.6	40-140		2.75	20	
Endrin	0.0844	0.00400	"	0.100		84.4	40-140		0.450	20	
Endrin aldehyde	0.0869	0.0100	"	0.100		86.9	40-140		8.03	20	
Endrin ketone	0.101	0.0100	"	0.100		101	40-140		9.38	20	
gamma-BHC (Lindane)	0.0744	0.00400	"	0.100		74.4	40-140		1.93	20	
gamma-Chlordane	0.0701	0.0100	"	0.100		70.1	40-140		3.03	20	
Heptachlor	0.0717	0.00400	"	0.100		71.7	40-140		3.46	20	
Heptachlor epoxide	0.0749	0.00400	"	0.100		74.9	40-140		0.803	20	
Methoxychlor	0.0987	0.00400	"	0.100		98.7	40-140		2.14	20	
Surrogate: Decachlorobiphenyl	*0.168*		*"*	*0.209*		*80.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.124*		*"*	*0.202*		*61.2*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)									Prepared & Analyzed: 11/27/2017		
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B0801 - BL70213											
Performance Mix (Y8B0801-PEM1)								Prepared & Analyzed: 02/07/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.685		"	0.00			0-200				
4,4'-DDT	164		"	200		81.9	0-200				
Endrin	126		"	100		126	0-200				
Endrin aldehyde	1.54		"	0.00			0-200				
Endrin ketone	8.83		"	0.00			0-200				
Batch Y8B0908 - BL70213											
Performance Mix (Y8B0908-PEM1)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.707		"	0.00			0-200				
4,4'-DDT	160		"	200		79.8	0-200				
Endrin	133		"	100		133	0-200				
Endrin aldehyde	1.31		"	0.00			0-200				
Endrin ketone	9.71		"	0.00			0-200				
Performance Mix (Y8B0908-PEM2)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.786		"	0.00			0-200				
4,4'-DDT	224		"	200		112	0-200				
Endrin	164		"	100		164	0-200				
Endrin aldehyde	1.81		"	0.00			0-200				
Endrin ketone	10.8		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80189 - EPA SW846-3510C Low Level											
Blank (BB80189-BLK2)								Prepared: 02/06/2018 Analyzed: 02/07/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.149*		*"*	*0.202*		*73.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.167*		*"*	*0.209*		*79.9*	*30-120*				
LCS (BB80189-BS2)								Prepared: 02/06/2018 Analyzed: 02/07/2018			
Aroclor 1016	1.06	0.0500	ug/L	1.00		106	40-120				
Aroclor 1260	1.25	0.0500	"	1.00		125	40-120	High Bias			
Surrogate: Tetrachloro-m-xylene	*0.147*		*"*	*0.202*		*72.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.163*		*"*	*0.209*		*78.0*	*30-120*				
LCS Dup (BB80189-BSD2)								Prepared: 02/06/2018 Analyzed: 02/07/2018			
Aroclor 1016	1.00	0.0500	ug/L	1.00		100	40-120		5.59	30	
Aroclor 1260	1.18	0.0500	"	1.00		118	40-120		5.19	30	
Surrogate: Tetrachloro-m-xylene	*0.144*		*"*	*0.202*		*71.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.150*		*"*	*0.209*		*71.8*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80240 - EPA 3535A											
Blank (BB80240-BLK1)								Prepared & Analyzed: 02/07/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*139*		*"*	*125*		*111*	*30-150*				
LCS (BB80240-BS1)								Prepared & Analyzed: 02/07/2018			
2,4,5-T	38.8	5.00	ug/L	40.0		96.9	40-140				
2,4,5-TP (Silvex)	40.0	5.00	"	40.0		100	40-140				
2,4-D	36.2	5.00	"	40.0		90.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*145*		*"*	*125*		*116*	*30-150*				
LCS Dup (BB80240-BSD1)								Prepared & Analyzed: 02/07/2018			
2,4,5-T	37.5	5.00	ug/L	40.0		93.8	40-140		3.28	30	
2,4,5-TP (Silvex)	38.5	5.00	"	40.0		96.2	40-140		3.82	30	
2,4-D	34.8	5.00	"	40.0		86.9	40-140		4.23	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*137*		*"*	*125*		*110*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80256 - EPA 3015A											
Blank (BB80256-BLK1)											Prepared: 02/07/2018 Analyzed: 02/12/2018
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	0.167	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	0.00604	0.00556	"								
Iron - Dissolved	0.0438	0.0222	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	0.0593	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0167	"								
Reference (BB80256-SRM1)											Prepared: 02/07/2018 Analyzed: 02/12/2018
Aluminum - Dissolved	0.981		ug/mL	0.720		136	81.4-117.2	High Bias			
Barium - Dissolved	0.514		"	0.500		103	85-115				
Calcium - Dissolved	34.1		"	33.0		103	86.5-114.3				
Chromium - Dissolved	0.953		"	0.860		111	85-115				
Copper - Dissolved	0.403		"	0.320		126	85-115	High Bias			
Iron - Dissolved	1.66		"	1.40		119	84.9-115	High Bias			
Lead - Dissolved	0.823		"	0.640		129	85-115	High Bias			
Magnesium - Dissolved	83.5		"	80.1		104	86.3-114.8				
Manganese - Dissolved	1.11		"	1.02		108	84.9-115				
Nickel - Dissolved	1.86		"	1.78		105	87-113.7				
Potassium - Dissolved	10.4		"	10.3		101	84.9-115				
Silver - Dissolved	0.587		"	0.600		97.9	85-115				
Sodium - Dissolved	23.0		"	22.7		101	85-115				
Vanadium - Dissolved	1.76		"	1.66		106	85-114.9				
Zinc - Dissolved	1.67		"	1.62		103	84.9-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80257 - EPA 3015A											
Blank (BB80257-BLK1)											Prepared: 02/07/2018 Analyzed: 02/12/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	0.0116	0.00556	"								
Iron	ND	0.0222	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	0.128	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Reference (BB80257-SRM1)											Prepared: 02/07/2018 Analyzed: 02/12/2018
Aluminum	0.864		ug/mL	0.720		120	81.4-117.2	High Bias			
Barium	0.487		"	0.500		97.3	85-115				
Calcium	31.3		"	33.0		94.8	86.5-114.3				
Chromium	0.892		"	0.860		104	85-115				
Copper	0.345		"	0.320		108	85-115				
Iron	1.43		"	1.40		102	84.9-115				
Lead	0.666		"	0.640		104	85-115				
Magnesium	75.8		"	80.1		94.7	86.3-114.8				
Manganese	1.09		"	1.02		106	84.9-115				
Nickel	1.82		"	1.78		102	87-113.7				
Potassium	9.26		"	10.3		89.9	84.9-115				
Silver	0.552		"	0.600		92.1	85-115				
Sodium	22.0		"	22.7		97.1	85-115				
Vanadium	1.64		"	1.66		99.0	85-114.9				
Zinc	1.56		"	1.62		96.6	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80206 - EPA 3015A											
Blank (BB80206-BLK1)											Prepared: 02/06/2018 Analyzed: 02/08/2018
Antimony	0.00133	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB80206-BS1)											Prepared: 02/06/2018 Analyzed: 02/08/2018
Antimony	48.5		ug/L	50.0		97.1	80-120				
Arsenic	42.8		"	50.0		85.7	80-120				
Beryllium	48.0		"	50.0		96.0	80-120				
Cadmium	45.1		"	50.0		90.2	80-120				
Selenium	41.2		"	50.0		82.3	80-120				
Thallium	50.5		"	50.0		101	80-120				
Batch BB80207 - EPA 3015A											
Blank (BB80207-BLK1)											Prepared: 02/06/2018 Analyzed: 02/08/2018
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.00111	"								
Cadmium - Dissolved	ND	0.00111	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80571 - EPA SW846-7470											
Blank (BB80571-BLK1)									Prepared & Analyzed: 02/14/2018		
Mercury	ND	0.0002	mg/L								
LCS (BB80571-BS1)									Prepared & Analyzed: 02/14/2018		
Mercury	0.002325	0.0002	mg/L	0.00200		116	80-120				
LCS (BB80571-BS2)									Prepared & Analyzed: 02/14/2018		
Mercury	0.002262	0.0002	mg/L	0.00200		113	80-120				
Batch BB80574 - EPA SW846-7470											
Blank (BB80574-BLK1)									Prepared & Analyzed: 02/14/2018		
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BB80574-BS1)									Prepared & Analyzed: 02/14/2018		
Mercury - Dissolved	0.0019	0.0002	mg/L	0.00200		97.0	80-120				
LCS (BB80574-BS2)									Prepared & Analyzed: 02/14/2018		
Mercury - Dissolved	0.0022	0.0002	mg/L	0.00200		109	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80179 - Analysis Preparation											
Blank (BB80179-BLK1)									Prepared: 02/05/2018 Analyzed: 02/06/2018		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB80179-BS1)									Prepared: 02/05/2018 Analyzed: 02/06/2018		
Chromium, Hexavalent	0.480	0.0100	mg/L	0.500		96.0	80-120				
Duplicate (BB80179-DUP1)	*Source sample: 18B0133-01 (MW103_020518)								Prepared: 02/05/2018 Analyzed: 02/06/2018		
Chromium, Hexavalent	0.0430	0.0100	mg/L		0.0440				2.30	20	
Matrix Spike (BB80179-MS1)	*Source sample: 18B0133-01 (MW103_020518)								Prepared: 02/05/2018 Analyzed: 02/06/2018		
Chromium, Hexavalent	0.559	0.0100	mg/L	0.500	0.0440	103	75-125				
Batch BB80192 - Analysis Preparation											
Blank (BB80192-BLK1)									Prepared & Analyzed: 02/06/2018		
Cyanide, total	ND	0.0100	mg/L								
LCS (BB80192-BS1)									Prepared & Analyzed: 02/06/2018		
Cyanide, total	0.169	0.0100	mg/L	0.200		84.5	76.2-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0133-01	MW103_020518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0133-02	GWFB01_020518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0133

YOUR Information

Company: LANGAN GW6
Address: 360 W 31ST ST
NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SNOOR@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW03-020518	02/05/18 1220	GW	TCL+30 VOCs+SVOCs, PCBs, Pest, Herb, TAL Met, Cr^{6+}, Cr^{3+}, CN^-, PFAS, 1,4 Diox.	4 x 250 mL
GWFB01-020518	02/05/18 1515	GW	TCL+30 VOCs+SVOCs, PCBs, Pest, Herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-, PFAS, 1,4 Diox	2 x 250 mL
				3 x 40 mL
				6 x 1000 mL

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl X MeOH ___ HNO_3 X H_2SO_4 ___ NaOH X
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 02/05/18 1525
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 2/5/18 1525
Samples Received in LAB by: TC Gale — Date/Time: 2/5/18 1905

Temperature on Receipt 5.5 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/16/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0133

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 02/16/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0133

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 05, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0133-01	MW103_020518	Water	02/05/2018	02/05/2018
18B0133-02	GWFB01_020518	Water	02/05/2018	02/05/2018

General Notes for York Project (SDG) No.: 18B0133

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

Approved By:

Date: 02/16/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.20**		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**7.82**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**2.23**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.1 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:09	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	6.67	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	6.67	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	33.3	66.7	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.67	13.3	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	3.33	6.67	1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*44.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*31.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*105 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*84.4 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*108 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*70.3 %*	*30.7-106*

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	**Anthracene**	**0.0667**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	* Atrazine	ND		ug/L	0.667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications:			
56-55-3	**Benzo(a)anthracene**	**0.200**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**0.173**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.160**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.120**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.160**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications:			
218-01-9	**Chrysene**	**0.187**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.307**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0267	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	* Hexachloroethane	ND		ug/L	0.667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications:			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.107**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	* Nitrobenzene	ND		ug/L	0.333	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications:			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.333	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**0.213**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.307**		ug/L	0.0667	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:09	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**furanone isomer**	**6.67**	N	ug/L			1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:			
NA	**Unknown alipahtic hydrocarbon**	**13.3**	N	ug/L			1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:			
NA	**unknown carboxylic acid**	**29.3**	N	ug/L			1	EPA 8270D	02/07/2018 09:35	02/08/2018 10:38	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0229	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00229	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0114	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0114	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00457	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.114	1	EPA 8081B	02/06/2018 07:51	02/08/2018 20:33	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0571	1	EPA 8082A	02/06/2018 07:51	02/09/2018 12:00	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.9 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 11:50	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 11:50	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 11:50	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*117 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.701**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.104**		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**64.6**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.00702**		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0271**	B	mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**1.34**		mg/L	0.0222	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.00885**		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**17.9**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.146**		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**7.03**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**147**	B	mg/L	0.222	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0307**		mg/L	0.0167	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:11	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0788**		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**60.2**	B	mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0193**	B	mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**0.0800**	B	mg/L	0.0222	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**17.1**	B	mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.0411**		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**7.01**		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Metals, Target Analyte, ICP Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**150**		mg/L	0.111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0199**		mg/L	0.0167	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**0.00117**	B	mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00316**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00316**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:28	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00227**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00280**		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

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

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:54	02/14/2018 14:54	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:58	02/14/2018 14:58	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.0440**		mg/L	0.0100	1	EPA 7196A	02/05/2018 20:17	02/06/2018 10:45	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/12/2018 12:38	02/12/2018 12:43	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/06/2018 08:38	02/06/2018 15:08	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analyzed by: Con-Test Analytical Laboratory

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.18	1	SW-846 8270D	02/12/2018 00:00	02/12/2018 00:00	
							Certifications:			

Analyzed by: TestAmerica West Sacramento

Sample Information

Client Sample ID: MW103_020518 **York Sample ID:** 18B0133-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 12:20 pm	02/05/2018

Analyzed by: TestAmerica West Sacramento

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
	NMeFOSAA	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
	NEtFOSAA	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 12:20		TA Ca

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-NEtFOSAA	*%*	*70-130*

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.11**		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.680**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.380**		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.7 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/07/2018 07:30	02/07/2018 17:40	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	4.35	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	4.35	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	21.7	43.5	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.870	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	4.35	8.70	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.17	4.35	1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*30.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*19.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*91.0 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.2 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*86.6 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*62.3 %*	*30.7-106*

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	* Atrazine	ND		ug/L	0.435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0174	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	* Hexachloroethane	ND		ug/L	0.435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0435**		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	* Nitrobenzene	ND		ug/L	0.217	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications:			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.217	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0435	1	EPA 8270D SIM	02/07/2018 09:35	02/08/2018 17:41	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/07/2018 09:35	02/08/2018 11:09	OW
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0250	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	02/06/2018 07:51	02/07/2018 14:12	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	02/06/2018 07:51	02/08/2018 18:19	LAB
							Certifications:			

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.8 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.3 %*		*30-120*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 12:03	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 12:03	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/07/2018 03:51	02/07/2018 12:03	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*103 %*		*30-150*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00815**	B	mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.0419**		mg/L	0.0222	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/L	0.222	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0201**		mg/L	0.0167	1	EPA 6010C	02/07/2018 09:26	02/12/2018 19:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.00643**	B	mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**0.185**		mg/L	0.111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/07/2018 09:23	02/12/2018 19:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:44	02/08/2018 15:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/06/2018 09:48	02/08/2018 16:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

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

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:54	02/14/2018 14:54	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/14/2018 14:58	02/14/2018 14:58	AA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/05/2018 20:17	02/06/2018 10:45	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/12/2018 12:38	02/12/2018 12:43	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/06/2018 08:38	02/06/2018 15:08	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.19	1	SW-846 8270D	02/12/2018 00:00	02/12/2018 00:00	
							Certifications:			

Analyzed by: TestAmerica West Sacramento

Sample Information

Client Sample ID: GWFB01_020518 **York Sample ID:** 18B0133-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0133	170384501	Water	February 5, 2018 3:15 pm	02/05/2018

Analyzed by: TestAmerica West Sacramento

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
	NMeFOSAA	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
	NEtFOSAA	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	537 Certifications:	02/05/2018 15:15		TA Ca

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-NEtFOSAA	*%*	*70-130*

Analytical Batch Summary

Batch ID: 2/12/2018 **Preparation Method:** EPA 3535A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/12/18
18B0133-02	GWFB01_020518	02/12/18

Batch ID: BB80179 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/05/18
18B0133-02	GWFB01_020518	02/05/18
BB80179-BLK1	Blank	02/05/18
BB80179-BS1	LCS	02/05/18
BB80179-DUP1	Duplicate	02/05/18
BB80179-MS1	Matrix Spike	02/05/18

Batch ID: BB80189 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** MAT

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/06/18
18B0133-01	MW103_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
BB80189-BLK1	Blank	02/06/18
BB80189-BLK2	Blank	02/06/18
BB80189-BS1	LCS	02/06/18
BB80189-BS2	LCS	02/06/18
BB80189-BSD1	LCS Dup	02/06/18
BB80189-BSD2	LCS Dup	02/06/18

Batch ID: BB80192 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
BB80192-BLK1	Blank	02/06/18
BB80192-BS1	LCS	02/06/18

Batch ID: BB80206 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
BB80206-BLK1	Blank	02/06/18
BB80206-BS1	LCS	02/06/18

Batch ID: BB80207 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/06/18
18B0133-02	GWFB01_020518	02/06/18
BB80207-BLK1	Blank	02/06/18

Batch ID: BB80240 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80240-BLK1	Blank	02/07/18
BB80240-BS1	LCS	02/07/18
BB80240-BSD1	LCS Dup	02/07/18

Batch ID: BB80244 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80244-BLK1	Blank	02/07/18
BB80244-BLK1	Blank	02/07/18
BB80244-BLK2	Blank	02/07/18
BB80244-BS1	LCS	02/07/18
BB80244-BS2	LCS	02/07/18
BB80244-BSD1	LCS Dup	02/07/18

Batch ID: BB80251 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80251-BLK1	Blank	02/07/18
BB80251-BS1	LCS	02/07/18
BB80251-BSD1	LCS Dup	02/07/18

Batch ID: BB80256 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80256-BLK1	Blank	02/07/18
BB80256-SRM1	Reference	02/07/18

Batch ID: BB80257 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/07/18
18B0133-02	GWFB01_020518	02/07/18
BB80257-BLK1	Blank	02/07/18
BB80257-SRM1	Reference	02/07/18

Batch ID: BB80442 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/12/18
18B0133-02	GWFB01_020518	02/12/18

Batch ID: BB80571 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/14/18
18B0133-02	GWFB01_020518	02/14/18
BB80571-BLK1	Blank	02/14/18
BB80571-BS1	LCS	02/14/18
BB80571-BS2	LCS	02/14/18

Batch ID: BB80574 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/14/18
18B0133-02	GWFB01_020518	02/14/18
BB80574-BLK1	Blank	02/14/18
BB80574-BS1	LCS	02/14/18
BB80574-BS2	LCS	02/14/18

Batch ID: See attached **Preparation Method:** Analysis Preparation **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18B0133-01	MW103_020518	02/05/18
18B0133-02	GWFB01_020518	02/05/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
Blank (BB80251-BLK1)											Prepared & Analyzed: 02/07/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
Blank (BB80251-BLK1)								Prepared & Analyzed: 02/07/2018			
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS (BB80251-BS1)								Prepared & Analyzed: 02/07/2018			
1,1,1,2-Tetrachloroethane	9.74		ug/L	10.0		97.4	82-126				
1,1,1-Trichloroethane	9.06		"	10.0		90.6	78-136				
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.56		"	10.0		85.6	54-165				
1,1,2-Trichloroethane	9.05		"	10.0		90.5	82-123				
1,1-Dichloroethane	8.78		"	10.0		87.8	82-129				
1,1-Dichloroethylene	8.20		"	10.0		82.0	68-138				
1,2,3-Trichlorobenzene	12.0		"	10.0		120	76-136				
1,2,3-Trichloropropane	9.49		"	10.0		94.9	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	9.29		"	10.0		92.9	82-132				
1,2-Dibromo-3-chloropropane	9.15		"	10.0		91.5	45-147				
1,2-Dibromoethane	9.60		"	10.0		96.0	83-124				
1,2-Dichlorobenzene	9.58		"	10.0		95.8	79-123				
1,2-Dichloroethane	9.65		"	10.0		96.5	73-132				
1,2-Dichloropropane	8.71		"	10.0		87.1	78-126				
1,3,5-Trimethylbenzene	9.28		"	10.0		92.8	80-131				
1,3-Dichlorobenzene	9.39		"	10.0		93.9	86-122				
1,4-Dichlorobenzene	9.40		"	10.0		94.0	85-124				
1,4-Dioxane	237		"	210		113	10-349				
2-Butanone	9.81		"	10.0		98.1	49-152				
2-Hexanone	9.05		"	10.0		90.5	51-146				
4-Methyl-2-pentanone	8.38		"	10.0		83.8	57-145				
Acetone	8.92		"	10.0		89.2	14-150				
Acrolein	29.7		"	10.0		297	10-153	High Bias			
Acrylonitrile	7.59		"	10.0		75.9	51-150				
Benzene	9.09		"	10.0		90.9	85-126				
Bromochloromethane	8.67		"	10.0		86.7	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
LCS (BB80251-BS1)								Prepared & Analyzed: 02/07/2018			
Bromodichloromethane	8.94		ug/L	10.0		89.4	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	6.34		"	10.0		63.4	43-168				
Carbon disulfide	9.57		"	10.0		95.7	68-146				
Carbon tetrachloride	9.25		"	10.0		92.5	77-141				
Chlorobenzene	9.45		"	10.0		94.5	88-120				
Chloroethane	9.19		"	10.0		91.9	65-136				
Chloroform	9.26		"	10.0		92.6	82-128				
Chloromethane	8.07		"	10.0		80.7	43-155				
cis-1,2-Dichloroethylene	8.81		"	10.0		88.1	83-129				
cis-1,3-Dichloropropylene	9.27		"	10.0		92.7	80-131				
Cyclohexane	8.32		"	10.0		83.2	63-149				
Dibromochloromethane	9.93		"	10.0		99.3	80-130				
Dibromomethane	9.35		"	10.0		93.5	72-134				
Dichlorodifluoromethane	11.4		"	10.0		114	44-144				
Ethyl Benzene	9.52		"	10.0		95.2	80-131				
Hexachlorobutadiene	9.72		"	10.0		97.2	67-146				
Isopropylbenzene	8.94		"	10.0		89.4	76-140				
Methyl acetate	7.98		"	10.0		79.8	51-139				
Methyl tert-butyl ether (MTBE)	9.90		"	10.0		99.0	76-135				
Methylcyclohexane	8.47		"	10.0		84.7	72-143				
Methylene chloride	8.22		"	10.0		82.2	55-137				
n-Butylbenzene	9.19		"	10.0		91.9	79-132				
n-Propylbenzene	8.97		"	10.0		89.7	78-133				
o-Xylene	9.59		"	10.0		95.9	78-130				
p- & m- Xylenes	19.5		"	20.0		97.3	77-133				
p-Isopropyltoluene	9.28		"	10.0		92.8	81-136				
sec-Butylbenzene	9.32		"	10.0		93.2	79-137				
Styrene	9.48		"	10.0		94.8	67-132				
tert-Butyl alcohol (TBA)	45.5		"	50.0		91.1	25-162				
tert-Butylbenzene	9.05		"	10.0		90.5	77-138				
Tetrachloroethylene	8.91		"	10.0		89.1	82-131				
Toluene	9.08		"	10.0		90.8	80-127				
trans-1,2-Dichloroethylene	8.44		"	10.0		84.4	80-132				
trans-1,3-Dichloropropylene	9.21		"	10.0		92.1	78-131				
Trichloroethylene	9.00		"	10.0		90.0	82-128				
Trichlorofluoromethane	9.75		"	10.0		97.5	67-139				
Vinyl Chloride	9.61		"	10.0		96.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.53*		*"*	*10.0*		*95.3*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
LCS Dup (BB80251-BSD1)								Prepared & Analyzed: 02/07/2018			
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0		98.0	82-126		0.614	30	
1,1,1-Trichloroethane	9.15		"	10.0		91.5	78-136		0.988	30	
1,1,2,2-Tetrachloroethane	9.16		"	10.0		91.6	76-129		1.52	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.66		"	10.0		86.6	54-165		1.16	30	
1,1,2-Trichloroethane	9.20		"	10.0		92.0	82-123		1.64	30	
1,1-Dichloroethane	8.89		"	10.0		88.9	82-129		1.25	30	
1,1-Dichloroethylene	8.52		"	10.0		85.2	68-138		3.83	30	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136		6.30	30	
1,2,3-Trichloropropane	9.49		"	10.0		94.9	77-128		0.00	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		1.48	30	
1,2,4-Trimethylbenzene	9.23		"	10.0		92.3	82-132		0.648	30	
1,2-Dibromo-3-chloropropane	8.91		"	10.0		89.1	45-147		2.66	30	
1,2-Dibromoethane	9.55		"	10.0		95.5	83-124		0.522	30	
1,2-Dichlorobenzene	9.53		"	10.0		95.3	79-123		0.523	30	
1,2-Dichloroethane	9.68		"	10.0		96.8	73-132		0.310	30	
1,2-Dichloropropane	8.66		"	10.0		86.6	78-126		0.576	30	
1,3,5-Trimethylbenzene	9.25		"	10.0		92.5	80-131		0.324	30	
1,3-Dichlorobenzene	9.31		"	10.0		93.1	86-122		0.856	30	
1,4-Dichlorobenzene	9.29		"	10.0		92.9	85-124		1.18	30	
1,4-Dioxane	178		"	210		84.8	10-349		28.3	30	
2-Butanone	9.63		"	10.0		96.3	49-152		1.85	30	
2-Hexanone	8.51		"	10.0		85.1	51-146		6.15	30	
4-Methyl-2-pentanone	8.12		"	10.0		81.2	57-145		3.15	30	
Acetone	7.45		"	10.0		74.5	14-150		18.0	30	
Acrolein	29.7		"	10.0		297	10-153	High Bias	0.0336	30	
Acrylonitrile	7.69		"	10.0		76.9	51-150		1.31	30	
Benzene	9.26		"	10.0		92.6	85-126		1.85	30	
Bromochloromethane	8.69		"	10.0		86.9	77-128		0.230	30	
Bromodichloromethane	8.96		"	10.0		89.6	79-128		0.223	30	
Bromoform	10.1		"	10.0		101	78-133		0.494	30	
Bromomethane	7.00		"	10.0		70.0	43-168		9.90	30	
Carbon disulfide	9.89		"	10.0		98.9	68-146		3.29	30	
Carbon tetrachloride	9.38		"	10.0		93.8	77-141		1.40	30	
Chlorobenzene	9.51		"	10.0		95.1	88-120		0.633	30	
Chloroethane	9.54		"	10.0		95.4	65-136		3.74	30	
Chloroform	9.37		"	10.0		93.7	82-128		1.18	30	
Chloromethane	8.29		"	10.0		82.9	43-155		2.69	30	
cis-1,2-Dichloroethylene	8.91		"	10.0		89.1	83-129		1.13	30	
cis-1,3-Dichloropropylene	9.22		"	10.0		92.2	80-131		0.541	30	
Cyclohexane	8.53		"	10.0		85.3	63-149		2.49	30	
Dibromochloromethane	9.84		"	10.0		98.4	80-130		0.910	30	
Dibromomethane	9.11		"	10.0		91.1	72-134		2.60	30	
Dichlorodifluoromethane	11.8		"	10.0		118	44-144		3.55	30	
Ethyl Benzene	9.54		"	10.0		95.4	80-131		0.210	30	
Hexachlorobutadiene	9.61		"	10.0		96.1	67-146		1.14	30	
Isopropylbenzene	8.92		"	10.0		89.2	76-140		0.224	30	
Methyl acetate	7.88		"	10.0		78.8	51-139		1.26	30	
Methyl tert-butyl ether (MTBE)	9.98		"	10.0		99.8	76-135		0.805	30	
Methylcyclohexane	8.58		"	10.0		85.8	72-143		1.29	30	
Methylene chloride	8.47		"	10.0		84.7	55-137		3.00	30	
n-Butylbenzene	9.12		"	10.0		91.2	79-132		0.765	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80251 - EPA 5030B											
LCS Dup (BB80251-BSD1)								Prepared & Analyzed: 02/07/2018			
n-Propylbenzene	9.01		ug/L	10.0		90.1	78-133		0.445	30	
o-Xylene	9.66		"	10.0		96.6	78-130		0.727	30	
p- & m- Xylenes	19.6		"	20.0		98.0	77-133		0.666	30	
p-Isopropyltoluene	9.36		"	10.0		93.6	81-136		0.858	30	
sec-Butylbenzene	9.42		"	10.0		94.2	79-137		1.07	30	
Styrene	9.54		"	10.0		95.4	67-132		0.631	30	
tert-Butyl alcohol (TBA)	39.2		"	50.0		78.4	25-162		15.0	30	
tert-Butylbenzene	9.03		"	10.0		90.3	77-138		0.221	30	
Tetrachloroethylene	9.02		"	10.0		90.2	82-131		1.23	30	
Toluene	9.19		"	10.0		91.9	80-127		1.20	30	
trans-1,2-Dichloroethylene	8.69		"	10.0		86.9	80-132		2.92	30	
trans-1,3-Dichloropropylene	9.28		"	10.0		92.8	78-131		0.757	30	
Trichloroethylene	8.95		"	10.0		89.5	82-128		0.557	30	
Trichlorofluoromethane	9.92		"	10.0		99.2	67-139		1.73	30	
Vinyl Chloride	9.90		"	10.0		99.0	58-145		2.97	30	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
Blank (BB80244-BLK1)											
Prepared & Analyzed: 02/07/2018											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
Blank (BB80244-BLK1)											Prepared & Analyzed: 02/07/2018
Surrogate: 2-Fluorophenol	*24.1*		*ug/L*	*76.4*		*31.5*	*19.7-63.1*				
Surrogate: Phenol-d5	*16.0*		*"*	*77.7*		*20.6*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*46.1*		*"*	*54.4*		*84.8*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*35.4*		*"*	*52.7*		*67.1*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*61.9*		*"*	*77.6*		*79.7*	*39.3-151*				
Surrogate: Terphenyl-d14	*33.1*		*"*	*50.6*		*65.4*	*30.7-106*				
Blank (BB80244-BLK2)											Prepared & Analyzed: 02/07/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
LCS (BB80244-BS1)								Prepared & Analyzed: 02/07/2018			
1,1-Biphenyl	20.8	5.00	ug/L	25.0		83.3	33-95				
1,2,4,5-Tetrachlorobenzene	19.9	5.00	"	25.0		79.5	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	21.0	5.00	"	25.0		84.2	16-141				
2,3,4,6-Tetrachlorophenol	45.0	5.00	"	25.0		180	30-130	High Bias			
2,4,5-Trichlorophenol	22.8	5.00	"	25.0		91.0	32-114				
2,4,6-Trichlorophenol	22.6	5.00	"	25.0		90.4	35-118				
2,4-Dichlorophenol	20.9	5.00	"	25.0		83.5	25-116				
2,4-Dimethylphenol	20.8	5.00	"	25.0		83.2	15-116				
2,4-Dinitrophenol	16.8	5.00	"	25.0		67.0	10-170				
2,4-Dinitrotoluene	22.7	5.00	"	25.0		90.7	41-128				
2,6-Dinitrotoluene	20.9	5.00	"	25.0		83.6	45-116				
2-Chloronaphthalene	16.1	5.00	"	25.0		64.4	33-112				
2-Chlorophenol	16.3	5.00	"	25.0		65.1	15-120				
2-Methylnaphthalene	22.4	5.00	"	25.0		89.8	24-118				
2-Methylphenol	14.9	5.00	"	25.0		59.6	10-110				
2-Nitroaniline	22.8	5.00	"	25.0		91.1	34-129				
2-Nitrophenol	23.8	5.00	"	25.0		95.2	28-118				
3- & 4-Methylphenols	11.7	5.00	"	25.0		46.7	10-107				
3,3-Dichlorobenzidine	18.8	5.00	"	25.0		75.3	15-187				
3-Nitroaniline	18.6	5.00	"	25.0		74.6	24-134				
4,6-Dinitro-2-methylphenol	22.5	5.00	"	25.0		90.0	10-153				
4-Bromophenyl phenyl ether	22.5	5.00	"	25.0		90.0	34-120				
4-Chloro-3-methylphenol	25.3	5.00	"	25.0		101	20-120				
4-Chloroaniline	14.0	5.00	"	25.0		55.9	10-147				
4-Chlorophenyl phenyl ether	20.8	5.00	"	25.0		83.3	27-121				
4-Nitroaniline	19.4	5.00	"	25.0		77.5	13-134				
4-Nitrophenol	14.1	5.00	"	25.0		56.5	10-131				
Acetophenone	19.6	5.00	"	25.0		78.3	25-110				
Aniline	6.97	5.00	"	25.0		27.9	10-117				
Benzaldehyde	19.5	5.00	"	25.0		78.0	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	12.1	5.00	"	25.0		48.3	10-117				
Benzyl butyl phthalate	26.1	5.00	"	25.0		104	29-133				
Bis(2-chloroethoxy)methane	23.8	5.00	"	25.0		95.4	10-154				
Bis(2-chloroethyl)ether	18.0	5.00	"	25.0		71.8	17-125				
Bis(2-chloroisopropyl)ether	18.5	5.00	"	25.0		74.1	10-139				
Caprolactam	4.81	5.00	"	25.0		19.2	10-137				
Carbazole	18.1	5.00	"	25.0		72.6	42-126				
Dibenzofuran	19.9	5.00	"	25.0		79.5	36-113				
Diethyl phthalate	19.9	5.00	"	25.0		79.6	38-115				
Dimethyl phthalate	21.2	5.00	"	25.0		84.7	38-129				
Di-n-butyl phthalate	21.7	5.00	"	25.0		86.8	31-120				
Di-n-octyl phthalate	26.2	5.00	"	25.0		105	21-149				
Diphenylamine	24.8	5.00	"	25.0		99.4	40-140				
Hexachlorocyclopentadiene	5.44	10.0	"	25.0		21.8	10-130				
Isophorone	21.4	5.00	"	25.0		85.5	25-127				
N-nitroso-di-n-propylamine	20.7	5.00	"	25.0		82.6	26-122				
N-Nitrosodiphenylamine	25.8	5.00	"	25.0		103	23-149				
Phenol	6.26	5.00	"	25.0		25.0	10-110				
Pyridine	4.95	5.00	"	25.0		19.8	10-90				
Surrogate: 2-Fluorophenol	*28.6*		*"*	*76.4*		*37.4*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
LCS (BB80244-BS1)								Prepared & Analyzed: 02/07/2018			
Surrogate: Phenol-d5	*19.4*		*ug/L*	*77.7*		*25.0*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*54.1*		*"*	*54.4*		*99.5*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*41.4*		*"*	*52.7*		*78.7*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*73.6*		*"*	*77.6*		*94.9*	*39.3-151*				
Surrogate: Terphenyl-d14	*36.7*		*"*	*50.6*		*72.5*	*30.7-106*				
LCS (BB80244-BS2)								Prepared & Analyzed: 02/07/2018			
Acenaphthene	0.740	0.0500	ug/L	1.00		74.0	25-116				
Acenaphthylene	0.780	0.0500	"	1.00		78.0	26-116				
Anthracene	0.850	0.0500	"	1.00		85.0	25-123				
Benzo(a)anthracene	0.950	0.0500	"	1.00		95.0	33-125				
Benzo(a)pyrene	0.980	0.0500	"	1.00		98.0	32-132				
Benzo(b)fluoranthene	0.970	0.0500	"	1.00		97.0	22-137				
Benzo(g,h,i)perylene	1.08	0.0500	"	1.00		108	10-138				
Benzo(k)fluoranthene	0.910	0.0500	"	1.00		91.0	20-137				
Bis(2-ethylhexyl)phthalate	0.820	0.500	"	1.00		82.0	10-189				
Chrysene	0.860	0.0500	"	1.00		86.0	32-124				
Dibenzo(a,h)anthracene	1.04	0.0500	"	1.00		104	16-133				
Fluoranthene	0.940	0.0500	"	1.00		94.0	32-121				
Fluorene	0.850	0.0500	"	1.00		85.0	28-118				
Hexachlorobenzene	1.21	0.0200	"	1.00		121	23-124				
Hexachlorobutadiene	0.820	0.500	"	1.00		82.0	15-123				
Hexachloroethane	0.560	0.500	"	1.00		56.0	18-115				
Indeno(1,2,3-cd)pyrene	1.03	0.0500	"	1.00		103	15-135				
Naphthalene	0.800	0.0500	"	1.00		80.0	18-120				
Nitrobenzene	1.14	0.250	"	1.00		114	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.660	0.250	"	1.00		66.0	10-156				
Phenanthrene	0.850	0.0500	"	1.00		85.0	24-127				
Pyrene	0.860	0.0500	"	1.00		86.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
LCS Dup (BB80244-BSD1)								Prepared & Analyzed: 02/07/2018			
1,1-Biphenyl	19.8	5.00	ug/L	25.0		79.3	33-95		4.97	20	
1,2,4,5-Tetrachlorobenzene	19.1	5.00	"	25.0		76.4	26-120		4.00	20	
1,2-Diphenylhydrazine (as Azobenzene)	20.8	5.00	"	25.0		83.0	16-141		1.34	20	
2,3,4,6-Tetrachlorophenol	46.6	5.00	"	25.0		187	30-130	High Bias	3.51	20	
2,4,5-Trichlorophenol	20.4	5.00	"	25.0		81.5	32-114		11.0	20	
2,4,6-Trichlorophenol	21.6	5.00	"	25.0		86.3	35-118		4.62	20	
2,4-Dichlorophenol	20.1	5.00	"	25.0		80.5	25-116		3.61	20	
2,4-Dimethylphenol	18.5	5.00	"	25.0		74.1	15-116		11.5	20	
2,4-Dinitrophenol	13.9	5.00	"	25.0		55.6	10-170		18.7	20	
2,4-Dinitrotoluene	22.8	5.00	"	25.0		91.0	41-128		0.308	20	
2,6-Dinitrotoluene	19.0	5.00	"	25.0		76.1	45-116		9.37	20	
2-Chloronaphthalene	16.0	5.00	"	25.0		63.9	33-112		0.686	20	
2-Chlorophenol	16.5	5.00	"	25.0		66.1	15-120		1.52	20	
2-Methylnaphthalene	21.8	5.00	"	25.0		87.0	24-118		3.08	20	
2-Methylphenol	14.1	5.00	"	25.0		56.5	10-110		5.37	20	
2-Nitroaniline	21.5	5.00	"	25.0		85.9	34-129		5.83	20	
2-Nitrophenol	25.6	5.00	"	25.0		102	28-118		7.28	20	
3- & 4-Methylphenols	11.0	5.00	"	25.0		44.2	10-107		5.55	20	
3,3-Dichlorobenzidine	18.4	5.00	"	25.0		73.8	15-187		2.09	20	
3-Nitroaniline	17.0	5.00	"	25.0		68.1	24-134		9.09	20	
4,6-Dinitro-2-methylphenol	21.4	5.00	"	25.0		85.7	10-153		4.92	20	
4-Bromophenyl phenyl ether	21.1	5.00	"	25.0		84.3	34-120		6.56	20	
4-Chloro-3-methylphenol	24.6	5.00	"	25.0		98.6	20-120		2.52	20	
4-Chloroaniline	13.5	5.00	"	25.0		54.1	10-147		3.35	20	
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		82.2	27-121		1.40	20	
4-Nitroaniline	19.3	5.00	"	25.0		77.3	13-134		0.258	20	
4-Nitrophenol	10.2	5.00	"	25.0		40.8	10-131		32.2	20	Non-dir.
Acetophenone	20.1	5.00	"	25.0		80.4	25-110		2.62	20	
Aniline	7.29	5.00	"	25.0		29.2	10-117		4.49	20	
Benzaldehyde	21.1	5.00	"	25.0		84.5	29-117		8.02	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	12.1	5.00	"	25.0		48.4	10-117		0.248	20	
Benzyl butyl phthalate	25.0	5.00	"	25.0		100	29-133		4.30	20	
Bis(2-chloroethoxy)methane	23.6	5.00	"	25.0		94.5	10-154		0.927	20	
Bis(2-chloroethyl)ether	18.4	5.00	"	25.0		73.6	17-125		2.48	20	
Bis(2-chloroisopropyl)ether	18.1	5.00	"	25.0		72.4	10-139		2.40	20	
Caprolactam	5.14	5.00	"	25.0		20.6	10-137		6.63	20	
Carbazole	18.4	5.00	"	25.0		73.5	42-126		1.31	20	
Dibenzofuran	19.2	5.00	"	25.0		76.9	36-113		3.32	20	
Diethyl phthalate	20.4	5.00	"	25.0		81.4	38-115		2.23	20	
Dimethyl phthalate	20.4	5.00	"	25.0		81.5	38-129		3.85	20	
Di-n-butyl phthalate	21.8	5.00	"	25.0		87.1	31-120		0.368	20	
Di-n-octyl phthalate	25.3	5.00	"	25.0		101	21-149		3.19	20	
Diphenylamine	25.2	5.00	"	25.0		101	40-140		1.48	20	
Hexachlorocyclopentadiene	5.21	10.0	"	25.0		20.8	10-130		4.32	20	
Isophorone	20.2	5.00	"	25.0		80.6	25-127		5.92	20	
N-nitroso-di-n-propylamine	20.8	5.00	"	25.0		83.0	26-122		0.435	20	
N-Nitrosodiphenylamine	26.5	5.00	"	25.0		106	23-149		2.79	20	
Phenol	6.07	5.00	"	25.0		24.3	10-110		3.08	20	
Pyridine	5.30	5.00	"	25.0		21.2	10-90		6.83	20	
Surrogate: 2-Fluorophenol	*26.0*		*"*	*76.4*		*34.0*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
LCS Dup (BB80244-BSD1)								Prepared & Analyzed: 02/07/2018			
Surrogate: Phenol-d5	*17.8*		*ug/L*	*77.7*		*22.9*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*54.5*		*"*	*54.4*		*100*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*39.4*		*"*	*52.7*		*74.7*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*72.3*		*"*	*77.6*		*93.2*	*39.3-151*				
Surrogate: Terphenyl-d14	*32.5*		*"*	*50.6*		*64.3*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80244 - EPA 3510C											
Blank (BB80244-BLK1)									Prepared & Analyzed: 02/07/2018		
Tentatively Identified Compounds	0.00		ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80189 - EPA SW846-3510C Low Level											
Blank (BB80189-BLK1)									Prepared: 02/06/2018 Analyzed: 02/07/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.184*		*"*	*0.209*		*87.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.135*		*"*	*0.202*		*66.7*	*30-150*				
LCS (BB80189-BS1)									Prepared: 02/06/2018 Analyzed: 02/07/2018		
4,4'-DDD	0.0929	0.00400	ug/L	0.100		92.9	40-140				
4,4'-DDE	0.0848	0.00400	"	0.100		84.8	40-140				
4,4'-DDT	0.0936	0.00400	"	0.100		93.6	40-140				
Aldrin	0.0697	0.00400	"	0.100		69.7	40-140				
alpha-BHC	0.0732	0.00400	"	0.100		73.2	40-140				
alpha-Chlordane	0.0680	0.00400	"	0.100		68.0	40-140				
beta-BHC	0.0832	0.00400	"	0.100		83.2	40-140				
delta-BHC	0.0671	0.00400	"	0.100		67.1	40-140				
Dieldrin	0.0804	0.00200	"	0.100		80.4	40-140				
Endosulfan I	0.0799	0.00400	"	0.100		79.9	40-140				
Endosulfan II	0.0839	0.00400	"	0.100		83.9	40-140				
Endosulfan sulfate	0.0921	0.00400	"	0.100		92.1	40-140				
Endrin	0.0840	0.00400	"	0.100		84.0	40-140				
Endrin aldehyde	0.0941	0.0100	"	0.100		94.1	40-140				
Endrin ketone	0.111	0.0100	"	0.100		111	40-140				
gamma-BHC (Lindane)	0.0729	0.00400	"	0.100		72.9	40-140				
gamma-Chlordane	0.0680	0.0100	"	0.100		68.0	40-140				
Heptachlor	0.0693	0.00400	"	0.100		69.3	40-140				
Heptachlor epoxide	0.0743	0.00400	"	0.100		74.3	40-140				
Methoxychlor	0.101	0.00400	"	0.100		101	40-140				
Surrogate: Decachlorobiphenyl	*0.180*		*"*	*0.209*		*86.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.136*		*"*	*0.202*		*67.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80189 - EPA SW846-3510C Low Level											
LCS Dup (BB80189-BSD1)					Prepared: 02/06/2018 Analyzed: 02/07/2018						
4,4'-DDD	0.0950	0.00400	ug/L	0.100		95.0	40-140		2.21	20	
4,4'-DDE	0.0854	0.00400	"	0.100		85.4	40-140		0.735	20	
4,4'-DDT	0.0928	0.00400	"	0.100		92.8	40-140		0.858	20	
Aldrin	0.0712	0.00400	"	0.100		71.2	40-140		2.21	20	
alpha-BHC	0.0741	0.00400	"	0.100		74.1	40-140		1.21	20	
alpha-Chlordane	0.0729	0.00400	"	0.100		72.9	40-140		6.93	20	
beta-BHC	0.0818	0.00400	"	0.100		81.8	40-140		1.68	20	
delta-BHC	0.0676	0.00400	"	0.100		67.6	40-140		0.795	20	
Dieldrin	0.0805	0.00200	"	0.100		80.5	40-140		0.136	20	
Endosulfan I	0.0807	0.00400	"	0.100		80.7	40-140		0.994	20	
Endosulfan II	0.0856	0.00400	"	0.100		85.6	40-140		1.97	20	
Endosulfan sulfate	0.0896	0.00400	"	0.100		89.6	40-140		2.75	20	
Endrin	0.0844	0.00400	"	0.100		84.4	40-140		0.450	20	
Endrin aldehyde	0.0869	0.0100	"	0.100		86.9	40-140		8.03	20	
Endrin ketone	0.101	0.0100	"	0.100		101	40-140		9.38	20	
gamma-BHC (Lindane)	0.0744	0.00400	"	0.100		74.4	40-140		1.93	20	
gamma-Chlordane	0.0701	0.0100	"	0.100		70.1	40-140		3.03	20	
Heptachlor	0.0717	0.00400	"	0.100		71.7	40-140		3.46	20	
Heptachlor epoxide	0.0749	0.00400	"	0.100		74.9	40-140		0.803	20	
Methoxychlor	0.0987	0.00400	"	0.100		98.7	40-140		2.14	20	
Surrogate: Decachlorobiphenyl	*0.168*		*"*	*0.209*		*80.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.124*		*"*	*0.202*		*61.2*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)					Prepared & Analyzed: 11/27/2017						
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B0801 - BL70213											
Performance Mix (Y8B0801-PEM1)							Prepared & Analyzed: 02/07/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.685		"	0.00			0-200				
4,4'-DDT	164		"	200		81.9	0-200				
Endrin	126		"	100		126	0-200				
Endrin aldehyde	1.54		"	0.00			0-200				
Endrin ketone	8.83		"	0.00			0-200				
Batch Y8B0908 - BL70213											
Performance Mix (Y8B0908-PEM1)							Prepared & Analyzed: 02/08/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.707		"	0.00			0-200				
4,4'-DDT	160		"	200		79.8	0-200				
Endrin	133		"	100		133	0-200				
Endrin aldehyde	1.31		"	0.00			0-200				
Endrin ketone	9.71		"	0.00			0-200				
Performance Mix (Y8B0908-PEM2)							Prepared & Analyzed: 02/08/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.786		"	0.00			0-200				
4,4'-DDT	224		"	200		112	0-200				
Endrin	164		"	100		164	0-200				
Endrin aldehyde	1.81		"	0.00			0-200				
Endrin ketone	10.8		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80189 - EPA SW846-3510C Low Level											
Blank (BB80189-BLK2)								Prepared: 02/06/2018 Analyzed: 02/07/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.149*		*"*	*0.202*		*73.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.167*		*"*	*0.209*		*79.9*	*30-120*				
LCS (BB80189-BS2)								Prepared: 02/06/2018 Analyzed: 02/07/2018			
Aroclor 1016	1.06	0.0500	ug/L	1.00		106	40-120				
Aroclor 1260	1.25	0.0500	"	1.00		125	40-120	High Bias			
Surrogate: Tetrachloro-m-xylene	*0.147*		*"*	*0.202*		*72.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.163*		*"*	*0.209*		*78.0*	*30-120*				
LCS Dup (BB80189-BSD2)								Prepared: 02/06/2018 Analyzed: 02/07/2018			
Aroclor 1016	1.00	0.0500	ug/L	1.00		100	40-120		5.59	30	
Aroclor 1260	1.18	0.0500	"	1.00		118	40-120		5.19	30	
Surrogate: Tetrachloro-m-xylene	*0.144*		*"*	*0.202*		*71.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.150*		*"*	*0.209*		*71.8*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80240 - EPA 3535A											
Blank (BB80240-BLK1)								Prepared & Analyzed: 02/07/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*139*		*"*	*125*		*111*	*30-150*				
LCS (BB80240-BS1)								Prepared & Analyzed: 02/07/2018			
2,4,5-T	38.8	5.00	ug/L	40.0		96.9	40-140				
2,4,5-TP (Silvex)	40.0	5.00	"	40.0		100	40-140				
2,4-D	36.2	5.00	"	40.0		90.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*145*		*"*	*125*		*116*	*30-150*				
LCS Dup (BB80240-BSD1)								Prepared & Analyzed: 02/07/2018			
2,4,5-T	37.5	5.00	ug/L	40.0		93.8	40-140		3.28	30	
2,4,5-TP (Silvex)	38.5	5.00	"	40.0		96.2	40-140		3.82	30	
2,4-D	34.8	5.00	"	40.0		86.9	40-140		4.23	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*137*		*"*	*125*		*110*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80256 - EPA 3015A											
Blank (BB80256-BLK1)											Prepared: 02/07/2018 Analyzed: 02/12/2018
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	0.167	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	0.00604	0.00556	"								
Iron - Dissolved	0.0438	0.0222	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	0.0593	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0167	"								
Reference (BB80256-SRM1)											Prepared: 02/07/2018 Analyzed: 02/12/2018
Aluminum - Dissolved	0.981		ug/mL	0.720		136	81.4-117.2	High Bias			
Barium - Dissolved	0.514		"	0.500		103	85-115				
Calcium - Dissolved	34.1		"	33.0		103	86.5-114.3				
Chromium - Dissolved	0.953		"	0.860		111	85-115				
Copper - Dissolved	0.403		"	0.320		126	85-115	High Bias			
Iron - Dissolved	1.66		"	1.40		119	84.9-115	High Bias			
Lead - Dissolved	0.823		"	0.640		129	85-115	High Bias			
Magnesium - Dissolved	83.5		"	80.1		104	86.3-114.8				
Manganese - Dissolved	1.11		"	1.02		108	84.9-115				
Nickel - Dissolved	1.86		"	1.78		105	87-113.7				
Potassium - Dissolved	10.4		"	10.3		101	84.9-115				
Silver - Dissolved	0.587		"	0.600		97.9	85-115				
Sodium - Dissolved	23.0		"	22.7		101	85-115				
Vanadium - Dissolved	1.76		"	1.66		106	85-114.9				
Zinc - Dissolved	1.67		"	1.62		103	84.9-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80257 - EPA 3015A											
Blank (BB80257-BLK1)											Prepared: 02/07/2018 Analyzed: 02/12/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	0.0116	0.00556	"								
Iron	ND	0.0222	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	0.128	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Reference (BB80257-SRM1)											Prepared: 02/07/2018 Analyzed: 02/12/2018
Aluminum	0.864		ug/mL	0.720		120	81.4-117.2	High Bias			
Barium	0.487		"	0.500		97.3	85-115				
Calcium	31.3		"	33.0		94.8	86.5-114.3				
Chromium	0.892		"	0.860		104	85-115				
Copper	0.345		"	0.320		108	85-115				
Iron	1.43		"	1.40		102	84.9-115				
Lead	0.666		"	0.640		104	85-115				
Magnesium	75.8		"	80.1		94.7	86.3-114.8				
Manganese	1.09		"	1.02		106	84.9-115				
Nickel	1.82		"	1.78		102	87-113.7				
Potassium	9.26		"	10.3		89.9	84.9-115				
Silver	0.552		"	0.600		92.1	85-115				
Sodium	22.0		"	22.7		97.1	85-115				
Vanadium	1.64		"	1.66		99.0	85-114.9				
Zinc	1.56		"	1.62		96.6	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80206 - EPA 3015A											
Blank (BB80206-BLK1)											Prepared: 02/06/2018 Analyzed: 02/08/2018
Antimony	0.00133	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB80206-BS1)											Prepared: 02/06/2018 Analyzed: 02/08/2018
Antimony	48.5		ug/L	50.0		97.1	80-120				
Arsenic	42.8		"	50.0		85.7	80-120				
Beryllium	48.0		"	50.0		96.0	80-120				
Cadmium	45.1		"	50.0		90.2	80-120				
Selenium	41.2		"	50.0		82.3	80-120				
Thallium	50.5		"	50.0		101	80-120				
Batch BB80207 - EPA 3015A											
Blank (BB80207-BLK1)											Prepared: 02/06/2018 Analyzed: 02/08/2018
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.00111	"								
Cadmium - Dissolved	ND	0.00111	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80571 - EPA SW846-7470											
Blank (BB80571-BLK1)										Prepared & Analyzed: 02/14/2018	
Mercury	ND	0.0002	mg/L								
LCS (BB80571-BS1)										Prepared & Analyzed: 02/14/2018	
Mercury	0.002325	0.0002	mg/L	0.00200		116	80-120				
LCS (BB80571-BS2)										Prepared & Analyzed: 02/14/2018	
Mercury	0.002262	0.0002	mg/L	0.00200		113	80-120				
Batch BB80574 - EPA SW846-7470											
Blank (BB80574-BLK1)										Prepared & Analyzed: 02/14/2018	
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BB80574-BS1)										Prepared & Analyzed: 02/14/2018	
Mercury - Dissolved	0.0019	0.0002	mg/L	0.00200		97.0	80-120				
LCS (BB80574-BS2)										Prepared & Analyzed: 02/14/2018	
Mercury - Dissolved	0.0022	0.0002	mg/L	0.00200		109	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80179 - Analysis Preparation											
Blank (BB80179-BLK1)									Prepared: 02/05/2018 Analyzed: 02/06/2018		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB80179-BS1)									Prepared: 02/05/2018 Analyzed: 02/06/2018		
Chromium, Hexavalent	0.480	0.0100	mg/L	0.500		96.0	80-120				
Duplicate (BB80179-DUP1)	*Source sample: 18B0133-01 (MW103_020518)								Prepared: 02/05/2018 Analyzed: 02/06/2018		
Chromium, Hexavalent	0.0430	0.0100	mg/L		0.0440				2.30	20	
Matrix Spike (BB80179-MS1)	*Source sample: 18B0133-01 (MW103_020518)								Prepared: 02/05/2018 Analyzed: 02/06/2018		
Chromium, Hexavalent	0.559	0.0100	mg/L	0.500	0.0440	103	75-125				
Batch BB80192 - Analysis Preparation											
Blank (BB80192-BLK1)									Prepared & Analyzed: 02/06/2018		
Cyanide, total	ND	0.0100	mg/L								
LCS (BB80192-BS1)									Prepared & Analyzed: 02/06/2018		
Cyanide, total	0.169	0.0100	mg/L	0.200		84.5	76.2-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0133-01	MW103_020518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0133-02	GWFB01_020518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

See attach	See attached
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include PFAs analysis.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0133

YOUR Information

Company: LANGAN GW6
Address: 360 W 31ST ST
NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

1703Y4501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW103-020518	02/05/18 1220	GW	TCL+30 VOCs+SVOCs, PCBs, Pest, Herb, TAL Met, Cr^{6+}, Cr^{3+}, CN^-, PFAS, 1,4 Dioxane	4 x 250 mL 2 x 250 mL 3 x 40 mL 6 x 1000 mL
GWFB01-020518	02/05/18 1515	GW	TCL+30 VOCs+SVOCs, PCBs, Pest, Herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-, PFAS, 1,4 Dioxane	

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl X MeOH ___ HNO_3 X H_2SO_4 ___ NaOH X
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 02/05/18 1525
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 2/5/18 1525
Samples Received in LAB by: TC Yale — Date/Time: 2/5/18 1905

Temperature on Receipt 5.5 °C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

TestAmerica Job ID: 320-35835-1
Client Project/Site: PFAS, PWG RI

For:
York Analytical Laboratories, Inc.
120 Research Drive
Stratford, Connecticut 06615

Attn: Lab Reports

Authorized for release by:
2/16/2018 1:29:41 PM

Jill Kellmann, Manager of Project Management
(916)374-4402
jill.kellmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
Isotope Dilution Summary 8
QC Sample Results 9
QC Association Summary 13
Lab Chronicle 14
Certification Summary 15
Method Summary 16
Sample Summary 17
Chain of Custody 18
Receipt Checklists 19

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	Isotope Dilution analyte is outside acceptance limits.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 320-35835-1

Laboratory: TestAmerica Sacramento

Narrative

Receipt
The samples were received on 2/7/2018 10:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7º C.

LCMS
Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recoveries associated with the following continuing calibration verifications (CCV) are below the method recommended limit for d3-NMeFOSAA and d5-NEtFOSAA: (CCV 320-208517/11), (CCV 320-208517/2) and (CCVL 320-208517/1). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery for M2-8:2FTS is above the method recommended limit for the following samples: (LCS 320-207772/2-A), (LCSD 320-207772/3-A) and (MB 320-207772/1-A). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recoveries for M2-6:2FTS and M2-8:2FTS are above the method recommended limit for the following samples: 18B0133-01 (320-35835-1) and 18B0133-02 (320-35835-2). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-207772.

Method(s) 3535: The following sample was decanted prior to extraction, due excess of sediment which had the potential to clog the solid-phase column: 18B0133-01 (320-35835-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-35835-1

Client Sample ID: 18B0133-01 — Lab Sample ID: 320-35835-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	71		2.0	0.34	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	140		2.0	0.48	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	160		2.0	0.57	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	97		2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	40		2.0	0.83	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	5.4		2.0	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	62		2.0	0.30	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	35		2.0	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	6.5	B	2.0	0.17	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.34	J	2.0	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	150		2.0	0.53	ng/L	1		537 (modified)	Total/NA
Perfluorooctane Sulfonamide (FOSA)	4.9		2.0	0.34	ng/L	1		537 (modified)	Total/NA
6:2FTS	6.2	J	20	2.0	ng/L	1		537 (modified)	Total/NA

Client Sample ID: 18B0133-02 — Lab Sample ID: 320-35835-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.47	J	2.1	0.36	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.33	J B	2.1	0.18	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 18B0133-01
Date Collected: 02/05/18 12:20
Date Received: 02/07/18 10:05

Lab Sample ID: 320-35835-1
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**71**		2.0	0.34	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluoropentanoic acid (PFPeA)	**140**		2.0	0.48	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorohexanoic acid (PFHxA)	**160**		2.0	0.57	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluoroheptanoic acid (PFHpA)	**97**		2.0	0.25	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorooctanoic acid (PFOA)	**40**		2.0	0.83	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorononanoic acid (PFNA)	**5.4**		2.0	0.27	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorodecanoic acid (PFDA)	**62**		2.0	0.30	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.54	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.28	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorobutanesulfonic acid (PFBS)	**35**		2.0	0.20	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorohexanesulfonic acid (PFHxS)	**6.5**	**B**	2.0	0.17	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.34**	**J**	2.0	0.19	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorooctanesulfonic acid (PFOS)	**150**		2.0	0.53	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.31	ng/L		02/09/18 13:29	02/14/18 23:11	1
Perfluorooctane Sulfonamide (FOSA)	**4.9**		2.0	0.34	ng/L		02/09/18 13:29	02/14/18 23:11	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.0	ng/L		02/09/18 13:29	02/14/18 23:11	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		02/09/18 13:29	02/14/18 23:11	1
6:2FTS	**6.2**	**J**	20	2.0	ng/L		02/09/18 13:29	02/14/18 23:11	1
8:2FTS	ND		20	2.0	ng/L		02/09/18 13:29	02/14/18 23:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*71*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C5 PFPeA	*103*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C2 PFHxA	*93*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C4-PFHpA	*99*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C4 PFOA	*110*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C5 PFNA	*103*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C2 PFDA	*122*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C2 PFUnA	*100*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C2 PFDoA	*83*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C2-PFTeDA	*76*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C3-PFBS	*114*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
18O2 PFHxS	*116*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C4 PFOS	*125*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
13C8 FOSA	*136*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
d3-NMeFOSAA	*50*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
d5-NEtFOSAA	*47*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
M2-6:2FTS	*178*	*	*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*
M2-8:2FTS	*171*	*	*25 - 150*	*02/09/18 13:29*	*02/14/18 23:11*	*1*

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-35835-1

Client Sample ID: 18B0133-02
Date Collected: 02/05/18 15:15
Date Received: 02/07/18 10:05

Lab Sample ID: 320-35835-2
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.47**	**J**	2.1	0.36	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluoropentanoic acid (PFPeA)	ND		2.1	0.51	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorohexanoic acid (PFHxA)	ND		2.1	0.60	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluoroheptanoic acid (PFHpA)	ND		2.1	0.26	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorooctanoic acid (PFOA)	ND		2.1	0.88	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorononanoic acid (PFNA)	ND		2.1	0.28	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorodecanoic acid (PFDA)	ND		2.1	0.32	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluoroundecanoic acid (PFUnA)	ND		2.1	1.1	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorododecanoic acid (PFDoA)	ND		2.1	0.57	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.1	1.3	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.1	0.30	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.1	0.21	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorohexanesulfonic acid (PFHxS)	**0.33**	**J B**	2.1	0.18	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.1	0.20	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.1	0.56	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.1	0.33	ng/L		02/09/18 13:29	02/14/18 23:19	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.1	0.36	ng/L		02/09/18 13:29	02/14/18 23:19	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		21	3.2	ng/L		02/09/18 13:29	02/14/18 23:19	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		21	2.0	ng/L		02/09/18 13:29	02/14/18 23:19	1
6:2FTS	ND		21	2.1	ng/L		02/09/18 13:29	02/14/18 23:19	1
8:2FTS	ND		21	2.1	ng/L		02/09/18 13:29	02/14/18 23:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*110*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C5 PFPeA	*117*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C2 PFHxA	*112*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C4-PFHpA	*107*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C4 PFOA	*109*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C5 PFNA	*100*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C2 PFDA	*120*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C2 PFUnA	*96*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C2 PFDoA	*78*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C2-PFTeDA	*92*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C3-PFBS	*121*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
18O2 PFHxS	*115*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C4 PFOS	*115*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
13C8 FOSA	*125*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
d3-NMeFOSAA	*45*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
d5-NEtFOSAA	*45*		*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
M2-6:2FTS	*155*	*	*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*
M2-8:2FTS	*163*	*	*25 - 150*	*02/09/18 13:29*	*02/14/18 23:19*	*1*

Isotope Dilution Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-35835-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	PFHpA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-35835-1	18B0133-01	71	103	93	99	110	103	122	100
320-35835-2	18B0133-02	110	117	112	107	109	100	120	96
LCS 320-207772/2-A	Lab Control Sample	111	113	113	111	109	97	122	95
LCSD 320-207772/3-A	Lab Control Sample Dup	110	118	115	113	106	103	123	99
MB 320-207772/1-A	Method Blank	114	118	114	113	109	105	121	91

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	3C3-PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	-NMeFOSA (25-150)	-NEtFOSA (25-150)
320-35835-1	18B0133-01	83	76	114	116	125	136	50	47
320-35835-2	18B0133-02	78	92	121	115	115	125	45	45
LCS 320-207772/2-A	Lab Control Sample	84	78	119	121	121	131	47	47
LCSD 320-207772/3-A	Lab Control Sample Dup	85	83	130	123	126	133	46	46
MB 320-207772/1-A	Method Blank	78	74	122	120	121	129	48	47

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	M262FTS (25-150)	M282FTS (25-150)
320-35835-1	18B0133-01	178 *	171 *
320-35835-2	18B0133-02	155 *	163 *
LCS 320-207772/2-A	Lab Control Sample	146	164 *
LCSD 320-207772/3-A	Lab Control Sample Dup	142	169 *
MB 320-207772/1-A	Method Blank	146	170 *

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFHxA = 13C2 PFHxA
PFHpA = 13C4-PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2-PFTeDA
13C3-PFBS = 13C3-PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2FTS
M282FTS = M2-8:2FTS

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-207772/1-A
Matrix: Water
Analysis Batch: 208517

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207772

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	0.35	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.58	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.25	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	1.3	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.29	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.277	J	2.0	0.17	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		02/09/18 13:29	02/14/18 22:32	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.35	ng/L		02/09/18 13:29	02/14/18 22:32	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		20	3.1	ng/L		02/09/18 13:29	02/14/18 22:32	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		02/09/18 13:29	02/14/18 22:32	1
6:2FTS	ND		20	2.0	ng/L		02/09/18 13:29	02/14/18 22:32	1
8:2FTS	ND		20	2.0	ng/L		02/09/18 13:29	02/14/18 22:32	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*114*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C5 PFPeA	*118*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C2 PFHxA	*114*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C4-PFHpA	*113*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C4 PFOA	*109*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C5 PFNA	*105*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C2 PFDA	*121*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C2 PFUnA	*91*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C2 PFDoA	*78*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C2-PFTeDA	*74*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C3-PFBS	*122*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
18O2 PFHxS	*120*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C4 PFOS	*121*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
13C8 FOSA	*129*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
d3-NMeFOSAA	*48*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
d5-NEtFOSAA	*47*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
M2-6:2FTS	*146*		*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*
M2-8:2FTS	*170*	*	*25 - 150*	*02/09/18 13:29*	*02/14/18 22:32*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-207772/2-A
Matrix: Water
Analysis Batch: 208517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	38.7		ng/L		97	70 - 130
Perfluoropentanoic acid (PFPeA)	40.0	38.0		ng/L		95	66 - 126
Perfluorohexanoic acid (PFHxA)	40.0	36.1		ng/L		90	66 - 126
Perfluoroheptanoic acid (PFHpA)	40.0	38.5		ng/L		96	66 - 126
Perfluorooctanoic acid (PFOA)	40.0	36.6		ng/L		92	64 - 124
Perfluorononanoic acid (PFNA)	40.0	39.0		ng/L		98	68 - 128
Perfluorodecanoic acid (PFDA)	40.0	37.8		ng/L		95	69 - 129
Perfluoroundecanoic acid (PFUnA)	40.0	38.6		ng/L		96	60 - 120
Perfluorododecanoic acid (PFDoA)	40.0	37.5		ng/L		94	71 - 131
Perfluorotridecanoic Acid (PFTriA)	40.0	36.0		ng/L		90	72 - 132
Perfluorotetradecanoic acid (PFTeA)	40.0	44.9		ng/L		112	68 - 128
Perfluorobutanesulfonic acid (PFBS)	35.4	36.7		ng/L		104	73 - 133
Perfluorohexanesulfonic acid (PFHxS)	36.4	32.4		ng/L		89	63 - 123
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	38.2		ng/L		100	68 - 128
Perfluorooctanesulfonic acid (PFOS)	37.1	35.1		ng/L		94	67 - 127
Perfluorodecanesulfonic acid (PFDS)	38.6	38.2		ng/L		99	68 - 128
Perfluorooctane Sulfonamide (FOSA)	40.0	39.1		ng/L		98	70 - 130
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	40.0	37.0		ng/L		92	67 - 127
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	40.0	40.6		ng/L		101	65 - 125
6:2FTS	37.9	30.7		ng/L		81	66 - 126
8:2FTS	38.3	38.2		ng/L		100	67 - 127

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*111*		*25 - 150*
13C5 PFPeA	*113*		*25 - 150*
13C2 PFHxA	*113*		*25 - 150*
13C4-PFHpA	*111*		*25 - 150*
13C4 PFOA	*109*		*25 - 150*
13C5 PFNA	*97*		*25 - 150*
13C2 PFDA	*122*		*25 - 150*
13C2 PFUnA	*95*		*25 - 150*
13C2 PFDoA	*84*		*25 - 150*
13C2-PFTeDA	*78*		*25 - 150*
13C3-PFBS	*119*		*25 - 150*
18O2 PFHxS	*121*		*25 - 150*
13C4 PFOS	*121*		*25 - 150*
13C8 FOSA	*131*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-207772/2-A
Matrix: Water
Analysis Batch: 208517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207772

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
d3-NMeFOSAA	47		25 - 150
d5-NEtFOSAA	47		25 - 150
M2-6:2FTS	146		25 - 150
M2-8:2FTS	164	*	25 - 150

Lab Sample ID: LCSD 320-207772/3-A
Matrix: Water
Analysis Batch: 208517

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 207772

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			40.0	39.5		ng/L		99	70 - 130	2	30
Perfluoropentanoic acid (PFPeA)			40.0	36.2		ng/L		90	66 - 126	5	30
Perfluorohexanoic acid (PFHxA)			40.0	38.0		ng/L		95	66 - 126	5	30
Perfluoroheptanoic acid (PFHpA)			40.0	38.5		ng/L		96	66 - 126	0	30
Perfluorooctanoic acid (PFOA)			40.0	43.5		ng/L		109	64 - 124	17	30
Perfluorononanoic acid (PFNA)			40.0	38.9		ng/L		97	68 - 128	0	30
Perfluorodecanoic acid (PFDA)			40.0	37.2		ng/L		93	69 - 129	2	30
Perfluoroundecanoic acid (PFUnA)			40.0	38.4		ng/L		96	60 - 120	1	30
Perfluorododecanoic acid (PFDoA)			40.0	36.9		ng/L		92	71 - 131	2	30
Perfluorotridecanoic Acid (PFTriA)			40.0	35.5		ng/L		89	72 - 132	2	30
Perfluorotetradecanoic acid (PFTeA)			40.0	42.9		ng/L		107	68 - 128	5	30
Perfluorobutanesulfonic acid (PFBS)			35.4	33.8		ng/L		96	73 - 133	8	30
Perfluorohexanesulfonic acid (PFHxS)			36.4	32.1		ng/L		88	63 - 123	1	30
Perfluoroheptanesulfonic Acid (PFHpS)			38.1	38.3		ng/L		101	68 - 128	0	30
Perfluorooctanesulfonic acid (PFOS)			37.1	35.4		ng/L		95	67 - 127	1	30
Perfluorodecanesulfonic acid (PFDS)			38.6	40.1		ng/L		104	68 - 128	5	30
Perfluorooctane Sulfonamide (FOSA)			40.0	39.8		ng/L		99	70 - 130	2	30
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)			40.0	36.8		ng/L		92	67 - 127	0	30
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)			40.0	37.9		ng/L		95	65 - 125	7	30
6:2FTS			37.9	32.4		ng/L		85	66 - 126	5	30
8:2FTS			38.3	38.2		ng/L		100	67 - 127	0	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C4 PFBA	110		25 - 150
13C5 PFPeA	118		25 - 150
13C2 PFHxA	115		25 - 150
13C4-PFHpA	113		25 - 150
13C4 PFOA	106		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 320-207772/3-A
Matrix: Water
Analysis Batch: 208517

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 207772

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C5 PFNA	103		25 - 150
13C2 PFDA	123		25 - 150
13C2 PFUnA	99		25 - 150
13C2 PFDoA	85		25 - 150
13C2-PFTeDA	83		25 - 150
13C3-PFBS	130		25 - 150
18O2 PFHxS	123		25 - 150
13C4 PFOS	126		25 - 150
13C8 FOSA	133		25 - 150
d3-NMeFOSAA	46		25 - 150
d5-NEtFOSAA	46		25 - 150
M2-6:2FTS	142		25 - 150
M2-8:2FTS	169	*	25 - 150

QC Association Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-35835-1

LCMS

Prep Batch: 207772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-35835-1	18B0133-01	Total/NA	Water	3535	
320-35835-2	18B0133-02	Total/NA	Water	3535	
MB 320-207772/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-207772/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-207772/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 208517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-35835-1	18B0133-01	Total/NA	Water	537 (modified)	207772
320-35835-2	18B0133-02	Total/NA	Water	537 (modified)	207772
MB 320-207772/1-A	Method Blank	Total/NA	Water	537 (modified)	207772
LCS 320-207772/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	207772
LCSD 320-207772/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	207772

Lab Chronicle

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-35835-1

Client Sample ID: 18B0133-01

Date Collected: 02/05/18 12:20
Date Received: 02/07/18 10:05

Lab Sample ID: 320-35835-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			254.6 mL	10.0 mL	207772	02/09/18 13:29	KMK	TAL SAC
Total/NA	Analysis	537 (modified)		1			208517	02/14/18 23:11	JRB	TAL SAC

Client Sample ID: 18B0133-02

Date Collected: 02/05/18 15:15
Date Received: 02/07/18 10:05

Lab Sample ID: 320-35835-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			241 mL	10.0 mL	207772	02/09/18 13:29	KMK	TAL SAC
Total/NA	Analysis	537 (modified)		1			208517	02/14/18 23:19	JRB	TAL SAC

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-35835-1

Laboratory: TestAmerica Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Oregon	NELAP	10	4040	01-29-19

Method Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-35835-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-35835-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-35835-1	18B0133-01	Water	02/05/18 12:20	02/07/18 10:05
320-35835-2	18B0133-02	Water	02/05/18 15:15	02/07/18 10:05

YORK
Analytical Laboratories, Inc.

2/5/2018

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 18B0133

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: **E-mail lab reports to:** York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to:** York Analytical at the address below

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

320-35835 Chain of Custody

RECEIVING LABORATORY:

TestAmerica West Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone :(916) 373-5600
Fax: (976) 379-1059

Sample ID: 18B0133-01 **Matrix:** Water **Date Sampled :** 02/05/2018 12:20

Analysis Needed	Date Due	Holding Time Expires	Comments
PFAS in Water by EPA 537	02/19/2018 16:30	02/19/2018 12:20	

Containers Supplied:
10_250mL Plastic Cool to 4° C (N) 10_250mL Plastic Cool to 4° C (O)

Sample ID: 18B0133-02 **Matrix:** Water **Date Sampled :** 02/05/2018 15:15

Analysis Needed	Date Due	Holding Time Expires	Comments
PFAS in Water by EPA 537	02/19/2018 16:30	02/19/2018 15:15	

Containers Supplied:
10_250mL Plastic Cool to 4° C (N) 10_250mL Plastic Cool to 4° C (O)

York Purchase Order No.: [redacted]18722 Samples from State of: **NY**

Deliverables required:

Data Pkg DUE:

Chain-of-Custody Information

Tom Gabrielson	2/5/2018		2-7-18 0858	2-7-18 1005
Released By York Sample Control	Date	Received By	Date	
Received By	Date	Received in Subcontract Lab By	Date	

Login Sample Receipt Checklist

Client: York Analytical Laboratories, Inc.

Job Number: 320-35835-1

Login Number: 35835
List Number: 1
Creator: Nelson, Kym D

List Source: TestAmerica Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/12/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0184

Report Date: 02/12/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0184

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 06, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0184-01	SB114_0-2	Soil	02/06/2018	02/06/2018
18B0184-04	SB114_15-16	Soil	02/06/2018	02/06/2018
18B0184-06	SB114_30-31	Soil	02/06/2018	02/06/2018
18B0184-08	SB114_39-40	Soil	02/06/2018	02/06/2018

General Notes for York Project (SDG) No.: 18B0184

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

Approved By:

Date: 02/12/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0072**	J	mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0779**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.265**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.315**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**2.23**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.73**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**2.41**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.91**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.97**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0882**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.08**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.471**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0463**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.84**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0603**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.69**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.20**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**3.04**		mg/kg dry	0.115	0.230	5	EPA 8270D	02/08/2018 04:21	02/09/2018 10:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*62.4 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*65.1 %*	*23-114*

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*77.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.9 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*79.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*53.9 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
016587-58-9	**benzo[de]anthracen isomer**	**588**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
000192-97-2	**benzo[e]pyrene isomer**	**1620**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**dibenzophenanthrene isomer**	**441**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**Dinaphtho furan isomer**	**515**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
000193-39-5	**indeno[1,2,3-cd]pyrene isomer**	**441**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**methyl Chrysene isomer**	**735**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**methyl Pyrene isomer**	**1030**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**Perylene (TIC)**	**809**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2018 14:05	02/08/2018 19:04	LAB

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00910	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0921	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.4 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*137 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8670**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.02**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.47**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**134**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.854**		mg/kg dry	0.331	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**8160**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.28**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**62.7**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14900**		mg/kg dry	2.21	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1730**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2580**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**322**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**26.9**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1000**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.59**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**336**	B	mg/kg dry	11.0	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.2**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**314**		mg/kg dry	1.65	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.755**		mg/kg dry	0.0331	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:41	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.7**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0048**	J	mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.6 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*78.4 %*	*23-114*

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*91.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.3 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*92.4 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*59.4 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Octadecenamide isomer**	**365**	N	ug/kg dry			2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00904	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0915	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:			

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.2 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.6 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*128 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13700**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.82**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**64.6**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.329	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1270**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**32.8**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**12.7**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**58.9**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**18700**		mg/kg dry	2.19	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**44.3**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7840**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**504**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**59.1**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3190**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**216**	B	mg/kg dry	11.0	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**43.5**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**133**		mg/kg dry	1.64	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:11	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.570**		mg/kg dry	0.548	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**32.2**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.548	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB114_30-31** **York Sample ID:** **18B0184-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*71.1 %*	*23-114*

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*89.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.5 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*78.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*58.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:36	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2018 14:05	02/08/2018 19:34	LAB
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH	02/07/2018 14:05	02/08/2018 19:34	LAB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00861	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0872	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:			

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.7 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.2 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0206	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0206	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0206	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*115 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9550**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.00**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**59.4**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3390**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.34**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.2**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**16900**		mg/kg dry	2.09	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.10**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6670**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**413**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**39.2**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3180**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.51**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**498**	B	mg/kg dry	10.4	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.4**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**59.3**		mg/kg dry	1.57	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0313	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:51	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.8**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.3**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.522	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB114_39-40** **York Sample ID:** **18B0184-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*76.7 %*	*23-114*

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*97.0 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.1 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*87.7 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*63.4 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 19:07	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2018 14:05	02/08/2018 19:49	LAB
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0345	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH	02/07/2018 14:05	02/08/2018 19:49	LAB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00863	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0874	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:			

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.8 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*120 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5550**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.98**		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**48.1**		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2180**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.3**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.5**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.8**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13500**		mg/kg dry	2.09	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**10.5**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**9940**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**387**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**96.1**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1210**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**334**	B	mg/kg dry	10.5	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**34.5**		mg/kg dry	1.57	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0314	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:59	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.6**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.523	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.3**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.523	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BB80255 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80255-BLK1	Blank	02/07/18
BB80255-DUP1	Duplicate	02/07/18
BB80255-MS1	Matrix Spike	02/07/18
BB80255-SRM1	Reference	02/07/18

Batch ID: BB80259 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80259-BLK1	Blank	02/07/18
BB80259-DUP1	Duplicate	02/07/18
BB80259-SRM1	Reference	02/07/18

Batch ID: BB80262 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80262-BLK1	Blank	02/07/18
BB80262-DUP1	Duplicate	02/07/18
BB80262-MS1	Matrix Spike	02/07/18
BB80262-SRM1	Reference	02/07/18

Batch ID: BB80277 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80277-BLK1	Blank	02/07/18

BB80277-BLK2	Blank	02/07/18
BB80277-BS1	LCS	02/07/18
BB80277-BS2	LCS	02/07/18
BB80277-MS1	Matrix Spike	02/07/18
BB80277-MS2	Matrix Spike	02/07/18
BB80277-MSD1	Matrix Spike Dup	02/07/18
BB80277-MSD2	Matrix Spike Dup	02/07/18

Batch ID: BB80299 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/08/18
18B0184-01	SB114_0-2	02/08/18
18B0184-01RE1	SB114_0-2	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-08	SB114_39-40	02/08/18
18B0184-08	SB114_39-40	02/08/18
BB80299-BLK1	Blank	02/08/18
BB80299-BS1	LCS	02/08/18
BB80299-MS1	Matrix Spike	02/08/18
BB80299-MSD1	Matrix Spike Dup	02/08/18

Batch ID: BB80302 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-08	SB114_39-40	02/08/18
BB80302-BLK1	Blank	02/08/18
BB80302-DUP1	Duplicate	02/08/18
BB80302-MS1	Matrix Spike	02/08/18
BB80302-SRM1	Reference	02/08/18

Batch ID: BB80312 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-08	SB114_39-40	02/08/18
BB80312-BLK1	Blank	02/08/18
BB80312-BS1	LCS	02/08/18
BB80312-BSD1	LCS Dup	02/08/18
BB80312-MS1	Matrix Spike	02/08/18
BB80312-MSD1	Matrix Spike Dup	02/08/18

Batch ID: BB80354 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/09/18
18B0184-04	SB114_15-16	02/09/18
18B0184-06	SB114_30-31	02/09/18
18B0184-08	SB114_39-40	02/09/18
BB80354-BLK1	Blank	02/09/18
BB80354-BS1	LCS	02/09/18
BB80354-MS1	Matrix Spike	02/09/18
BB80354-MSD1	Matrix Spike Dup	02/09/18

Batch ID: BB80390 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/09/18
18B0184-04	SB114_15-16	02/09/18
18B0184-06	SB114_30-31	02/09/18
18B0184-08	SB114_39-40	02/09/18
BB80390-DUP1	Duplicate	02/09/18

Batch ID: BB80443 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/12/18
18B0184-04	SB114_15-16	02/12/18
18B0184-06	SB114_30-31	02/12/18
18B0184-08	SB114_39-40	02/12/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Blank (BB80312-BLK1)											
Prepared & Analyzed: 02/08/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Blank (BB80312-BLK1)											Prepared & Analyzed: 02/08/2018
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.7*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.6*	*76-130*				
LCS (BB80312-BS1)											Prepared & Analyzed: 02/08/2018
1,1,1,2-Tetrachloroethane	51.3		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	48.2		"	50.0		96.5	71-137				
1,1,2,2-Tetrachloroethane	54.9		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.3		"	50.0		94.6	58-146				
1,1,2-Trichloroethane	50.6		"	50.0		101	83-123				
1,1-Dichloroethane	47.2		"	50.0		94.5	75-130				
1,1-Dichloroethylene	44.9		"	50.0		89.7	64-137				
1,2,3-Trichlorobenzene	51.4		"	50.0		103	81-140				
1,2,3-Trichloropropane	53.1		"	50.0		106	81-126				
1,2,4-Trichlorobenzene	48.2		"	50.0		96.5	80-141				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.1	84-125				
1,2-Dibromo-3-chloropropane	57.9		"	50.0		116	74-142				
1,2-Dibromoethane	51.7		"	50.0		103	86-123				
1,2-Dichlorobenzene	49.6		"	50.0		99.3	85-122				
1,2-Dichloroethane	47.9		"	50.0		95.8	71-133				
1,2-Dichloropropane	49.1		"	50.0		98.2	81-122				
1,3,5-Trimethylbenzene	48.7		"	50.0		97.4	82-126				
1,3-Dichlorobenzene	47.8		"	50.0		95.6	84-124				
1,4-Dichlorobenzene	47.4		"	50.0		94.9	84-124				
1,4-Dioxane	1210		"	1050		115	10-228				
2-Butanone	55.0		"	50.0		110	58-147				
2-Hexanone	55.0		"	50.0		110	70-139				
4-Methyl-2-pentanone	55.0		"	50.0		110	72-132				
Acetone	42.5		"	50.0		85.0	36-155				
Acrolein	40.7		"	50.0		81.4	10-238				
Acrylonitrile	49.3		"	50.0		98.6	66-141				
Benzene	47.7		"	50.0		95.5	77-127				
Bromochloromethane	48.6		"	50.0		97.1	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
LCS (BB80312-BS1)								Prepared & Analyzed: 02/08/2018			
Bromodichloromethane	49.8		ug/L	50.0		99.6	81-124				
Bromoform	54.6		"	50.0		109	80-136				
Bromomethane	43.9		"	50.0		87.8	32-177				
Carbon disulfide	52.4		"	50.0		105	10-136				
Carbon tetrachloride	49.0		"	50.0		98.1	66-143				
Chlorobenzene	48.2		"	50.0		96.3	86-120				
Chloroethane	49.7		"	50.0		99.4	51-142				
Chloroform	48.3		"	50.0		96.7	76-131				
Chloromethane	51.0		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	46.2		"	50.0		92.3	74-132				
cis-1,3-Dichloropropylene	49.5		"	50.0		99.0	81-129				
Cyclohexane	46.9		"	50.0		93.8	70-130				
Dibromochloromethane	55.1		"	50.0		110	10-200				
Dibromomethane	50.6		"	50.0		101	83-124				
Dichlorodifluoromethane	73.8		"	50.0		148	28-158				
Ethyl Benzene	48.4		"	50.0		96.9	84-125				
Hexachlorobutadiene	49.7		"	50.0		99.3	83-133				
Isopropylbenzene	47.9		"	50.0		95.7	81-127				
Methyl acetate	43.2		"	50.0		86.4	41-143				
Methyl tert-butyl ether (MTBE)	53.2		"	50.0		106	74-131				
Methylcyclohexane	47.5		"	50.0		95.0	70-130				
Methylene chloride	45.4		"	50.0		90.8	57-141				
n-Butylbenzene	47.7		"	50.0		95.4	80-130				
n-Propylbenzene	47.1		"	50.0		94.2	74-136				
o-Xylene	49.0		"	50.0		98.0	83-123				
p- & m- Xylenes	95.6		"	100		95.6	82-128				
p-Isopropyltoluene	49.2		"	50.0		98.4	85-125				
sec-Butylbenzene	50.2		"	50.0		100	83-125				
Styrene	48.4		"	50.0		96.8	86-126				
tert-Butyl alcohol (TBA)	270		"	250		108	70-130				
tert-Butylbenzene	50.0		"	50.0		100	80-127				
Tetrachloroethylene	46.8		"	50.0		93.7	80-129				
Toluene	48.1		"	50.0		96.1	85-121				
trans-1,2-Dichloroethylene	44.9		"	50.0		89.8	72-132				
trans-1,3-Dichloropropylene	49.4		"	50.0		98.9	78-132				
Trichloroethylene	48.6		"	50.0		97.2	84-123				
Trichlorofluoromethane	49.0		"	50.0		98.1	62-140				
Vinyl Chloride	47.8		"	50.0		95.5	52-130				
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
LCS Dup (BB80312-BSD1)								Prepared & Analyzed: 02/08/2018			
1,1,1,2-Tetrachloroethane	51.8		ug/L	50.0		104	75-129		0.912	30	
1,1,1-Trichloroethane	48.4		"	50.0		96.8	71-137		0.310	30	
1,1,2,2-Tetrachloroethane	54.4		"	50.0		109	79-129		0.970	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.8		"	50.0		93.5	58-146		1.11	30	
1,1,2-Trichloroethane	51.4		"	50.0		103	83-123		1.57	30	
1,1-Dichloroethane	48.2		"	50.0		96.4	75-130		2.03	30	
1,1-Dichloroethylene	44.8		"	50.0		89.7	64-137		0.0446	30	
1,2,3-Trichlorobenzene	52.8		"	50.0		106	81-140		2.78	30	
1,2,3-Trichloropropane	54.0		"	50.0		108	81-126		1.79	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		4.54	30	
1,2,4-Trimethylbenzene	49.4		"	50.0		98.9	84-125		1.84	30	
1,2-Dibromo-3-chloropropane	57.1		"	50.0		114	74-142		1.34	30	
1,2-Dibromoethane	51.5		"	50.0		103	86-123		0.407	30	
1,2-Dichlorobenzene	50.4		"	50.0		101	85-122		1.44	30	
1,2-Dichloroethane	48.7		"	50.0		97.5	71-133		1.74	30	
1,2-Dichloropropane	49.0		"	50.0		98.0	81-122		0.184	30	
1,3,5-Trimethylbenzene	49.8		"	50.0		99.7	82-126		2.29	30	
1,3-Dichlorobenzene	49.2		"	50.0		98.3	84-124		2.78	30	
1,4-Dichlorobenzene	49.5		"	50.0		99.0	84-124		4.25	30	
1,4-Dioxane	1210		"	1050		115	10-228		0.0282	30	
2-Butanone	56.6		"	50.0		113	58-147		2.85	30	
2-Hexanone	54.1		"	50.0		108	70-139		1.58	30	
4-Methyl-2-pentanone	53.6		"	50.0		107	72-132		2.63	30	
Acetone	43.1		"	50.0		86.2	36-155		1.33	30	
Acrolein	40.1		"	50.0		80.2	10-238		1.58	30	
Acrylonitrile	49.7		"	50.0		99.3	66-141		0.728	30	
Benzene	47.8		"	50.0		95.6	77-127		0.126	30	
Bromochloromethane	48.1		"	50.0		96.2	74-129		0.993	30	
Bromodichloromethane	49.2		"	50.0		98.3	81-124		1.33	30	
Bromoform	55.0		"	50.0		110	80-136		0.712	30	
Bromomethane	48.0		"	50.0		96.0	32-177		8.96	30	
Carbon disulfide	52.4		"	50.0		105	10-136		0.134	30	
Carbon tetrachloride	49.8		"	50.0		99.6	66-143		1.50	30	
Chlorobenzene	48.8		"	50.0		97.6	86-120		1.28	30	
Chloroethane	50.1		"	50.0		100	51-142		0.882	30	
Chloroform	48.4		"	50.0		96.9	76-131		0.207	30	
Chloromethane	51.3		"	50.0		103	49-132		0.665	30	
cis-1,2-Dichloroethylene	46.7		"	50.0		93.3	74-132		1.06	30	
cis-1,3-Dichloropropylene	48.8		"	50.0		97.7	81-129		1.34	30	
Cyclohexane	47.8		"	50.0		95.6	70-130		1.82	30	
Dibromochloromethane	54.6		"	50.0		109	10-200		0.985	30	
Dibromomethane	50.0		"	50.0		100	83-124		1.25	30	
Dichlorodifluoromethane	74.0		"	50.0		148	28-158		0.271	30	
Ethyl Benzene	49.0		"	50.0		97.9	84-125		1.05	30	
Hexachlorobutadiene	51.2		"	50.0		102	83-133		3.05	30	
Isopropylbenzene	48.8		"	50.0		97.6	81-127		1.99	30	
Methyl acetate	45.2		"	50.0		90.3	41-143		4.41	30	
Methyl tert-butyl ether (MTBE)	54.4		"	50.0		109	74-131		2.12	30	
Methylcyclohexane	47.6		"	50.0		95.2	70-130		0.126	30	
Methylene chloride	46.5		"	50.0		92.9	57-141		2.29	30	
n-Butylbenzene	49.2		"	50.0		98.5	80-130		3.22	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
LCS Dup (BB80312-BSD1)								Prepared & Analyzed: 02/08/2018			
n-Propylbenzene	48.0		ug/L	50.0		96.0	74-136		1.85	30	
o-Xylene	49.5		"	50.0		98.9	83-123		0.934	30	
p- & m- Xylenes	95.5		"	100		95.5	82-128		0.0628	30	
p-Isopropyltoluene	50.4		"	50.0		101	85-125		2.37	30	
sec-Butylbenzene	51.5		"	50.0		103	83-125		2.55	30	
Styrene	48.3		"	50.0		96.6	86-126		0.207	30	
tert-Butyl alcohol (TBA)	270		"	250		108	70-130		0.00370	30	
tert-Butylbenzene	51.0		"	50.0		102	80-127		2.04	30	
Tetrachloroethylene	47.2		"	50.0		94.4	80-129		0.766	30	
Toluene	48.3		"	50.0		96.5	85-121		0.394	30	
trans-1,2-Dichloroethylene	47.0		"	50.0		94.0	72-132		4.55	30	
trans-1,3-Dichloropropylene	48.8		"	50.0		97.6	78-132		1.34	30	
Trichloroethylene	49.5		"	50.0		98.9	84-123		1.71	30	
Trichlorofluoromethane	49.2		"	50.0		98.5	62-140		0.387	30	
Vinyl Chloride	49.6		"	50.0		99.2	52-130		3.78	30	
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
Matrix Spike (BB80312-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/08/2018 Analyzed: 02/09/2018			
1,1,1,2-Tetrachloroethane	50.3		ug/L	50.0	0.00	101	15-161				
1,1,1-Trichloroethane	48.8		"	50.0	0.00	97.5	42-145				
1,1,2,2-Tetrachloroethane	53.4		"	50.0	0.00	107	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.0		"	50.0	0.00	95.9	11-160				
1,1,2-Trichloroethane	50.6		"	50.0	0.00	101	44-145				
1,1-Dichloroethane	48.5		"	50.0	0.00	97.0	46-142				
1,1-Dichloroethylene	46.1		"	50.0	0.00	92.1	30-153				
1,2,3-Trichlorobenzene	46.4		"	50.0	0.00	92.7	10-157				
1,2,3-Trichloropropane	52.5		"	50.0	0.00	105	38-155				
1,2,4-Trichlorobenzene	43.6		"	50.0	0.00	87.2	10-151				
1,2,4-Trimethylbenzene	47.8		"	50.0	0.00	95.5	10-170				
1,2-Dibromo-3-chloropropane	54.6		"	50.0	0.00	109	36-138				
1,2-Dibromoethane	51.5		"	50.0	0.00	103	40-142				
1,2-Dichlorobenzene	47.7		"	50.0	0.00	95.3	10-147				
1,2-Dichloroethane	46.8		"	50.0	0.00	93.6	48-133				
1,2-Dichloropropane	50.2		"	50.0	0.00	100	47-141				
1,3,5-Trimethylbenzene	48.5		"	50.0	0.00	96.9	10-150				
1,3-Dichlorobenzene	45.9		"	50.0	0.00	91.8	10-144				
1,4-Dichlorobenzene	45.1		"	50.0	0.00	90.2	10-160				
1,4-Dioxane	1240		"	1050	0.00	118	10-191				
2-Butanone	54.2		"	50.0	0.00	108	10-189				
2-Hexanone	51.1		"	50.0	0.00	102	10-181				
4-Methyl-2-pentanone	53.2		"	50.0	0.00	106	10-166				
Acetone	47.8		"	50.0	5.05	85.6	10-196				
Acrolein	25.4		"	50.0	0.00	50.9	10-192				
Acrylonitrile	47.6		"	50.0	0.00	95.1	13-161				
Benzene	47.7		"	50.0	0.00	95.4	43-139				
Bromochloromethane	48.7		"	50.0	0.00	97.4	38-145				
Bromodichloromethane	49.3		"	50.0	0.00	98.7	38-147				
Bromoform	53.9		"	50.0	0.00	108	29-156				
Bromomethane	43.7		"	50.0	0.00	87.4	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Matrix Spike (BB80312-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/08/2018 Analyzed: 02/09/2018			
Carbon disulfide	53.3		ug/L	50.0	0.00	107	10-131				
Carbon tetrachloride	49.9		"	50.0	0.00	99.9	35-145				
Chlorobenzene	47.9		"	50.0	0.00	95.8	21-154				
Chloroethane	51.8		"	50.0	0.00	104	15-160				
Chloroform	48.3		"	50.0	0.00	96.7	47-142				
Chloromethane	50.4		"	50.0	0.00	101	10-159				
cis-1,2-Dichloroethylene	47.5		"	50.0	0.00	95.0	42-144				
cis-1,3-Dichloropropylene	49.2		"	50.0	0.00	98.4	18-159				
Cyclohexane	48.8		"	50.0	0.00	97.5	70-130				
Dibromochloromethane	53.4		"	50.0	0.00	107	10-179				
Dibromomethane	50.2		"	50.0	0.00	100	47-143				
Dichlorodifluoromethane	74.8		"	50.0	0.00	150	10-145	High Bias			
Ethyl Benzene	48.8		"	50.0	0.00	97.5	11-158				
Hexachlorobutadiene	48.0		"	50.0	0.00	95.9	10-158				
Isopropylbenzene	48.6		"	50.0	0.00	97.2	10-162				
Methyl acetate	51.9		"	50.0	0.00	104	10-149				
Methyl tert-butyl ether (MTBE)	53.5		"	50.0	0.00	107	42-152				
Methylcyclohexane	48.6		"	50.0	0.00	97.2	70-130				
Methylene chloride	48.8		"	50.0	2.25	93.1	28-151				
n-Butylbenzene	47.3		"	50.0	0.00	94.6	10-162				
n-Propylbenzene	47.2		"	50.0	0.00	94.4	10-155				
o-Xylene	49.0		"	50.0	0.00	98.0	10-158				
p- & m- Xylenes	95.7		"	100	0.00	95.7	10-156				
p-Isopropyltoluene	48.3		"	50.0	0.00	96.7	10-147				
sec-Butylbenzene	51.0		"	50.0	0.00	102	10-157				
Styrene	47.3		"	50.0	0.00	94.5	13-171				
tert-Butyl alcohol (TBA)	270		"	250	0.00	108	34-179				
tert-Butylbenzene	50.4		"	50.0	0.00	101	10-160				
Tetrachloroethylene	46.7		"	50.0	0.00	93.4	30-167				
Toluene	48.4		"	50.0	0.00	96.8	21-160				
trans-1,2-Dichloroethylene	47.1		"	50.0	0.00	94.1	29-153				
trans-1,3-Dichloropropylene	48.4		"	50.0	0.00	96.7	18-155				
Trichloroethylene	49.4		"	50.0	0.00	98.7	24-169				
Trichlorofluoromethane	49.4		"	50.0	0.00	98.9	35-142				
Vinyl Chloride	49.2		"	50.0	0.00	98.5	12-160				
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BB80312 - EPA 5035A

Matrix Spike Dup (BB80312-MSD1) *Source sample: 18B0184-04 (SB114_15-16) Prepared: 02/08/2018 Analyzed: 02/09/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0	0.00	99.9	15-161		0.698	33	
1,1,1-Trichloroethane	47.7		"	50.0	0.00	95.5	42-145		2.13	30	
1,1,2,2-Tetrachloroethane	54.6		"	50.0	0.00	109	16-167		2.37	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.6		"	50.0	0.00	93.3	11-160		2.83	31	
1,1,2-Trichloroethane	48.3		"	50.0	0.00	96.6	44-145		4.65	40	
1,1-Dichloroethane	47.0		"	50.0	0.00	94.0	46-142		3.16	36	
1,1-Dichloroethylene	45.1		"	50.0	0.00	90.2	30-153		2.11	31	
1,2,3-Trichlorobenzene	45.3		"	50.0	0.00	90.6	10-157		2.33	47	
1,2,3-Trichloropropane	51.6		"	50.0	0.00	103	38-155		1.77	48	
1,2,4-Trichlorobenzene	43.8		"	50.0	0.00	87.7	10-151		0.526	52	
1,2,4-Trimethylbenzene	49.4		"	50.0	0.00	98.8	10-170		3.34	242	
1,2-Dibromo-3-chloropropane	56.7		"	50.0	0.00	113	36-138		3.85	54	
1,2-Dibromoethane	50.5		"	50.0	0.00	101	40-142		2.02	39	
1,2-Dichlorobenzene	48.4		"	50.0	0.00	96.7	10-147		1.44	52	
1,2-Dichloroethane	44.8		"	50.0	0.00	89.7	48-133		4.32	32	
1,2-Dichloropropane	48.8		"	50.0	0.00	97.6	47-141		2.89	37	
1,3,5-Trimethylbenzene	49.7		"	50.0	0.00	99.4	10-150		2.57	62	
1,3-Dichlorobenzene	46.5		"	50.0	0.00	92.9	10-144		1.23	51	
1,4-Dichlorobenzene	46.6		"	50.0	0.00	93.2	10-160		3.23	52	
1,4-Dioxane	1270		"	1050	0.00	121	10-191		2.36	196	
2-Butanone	54.4		"	50.0	0.00	109	10-189		0.497	67	
2-Hexanone	50.7		"	50.0	0.00	101	10-181		0.687	60	
4-Methyl-2-pentanone	51.7		"	50.0	0.00	103	10-166		2.84	47	
Acetone	44.9		"	50.0	5.35	79.1	10-196		6.30	150	
Acrolein	21.0		"	50.0	0.00	41.9	10-192		19.3	128	
Acrylonitrile	45.0		"	50.0	0.00	90.0	13-161		5.58	48	
Benzene	46.6		"	50.0	0.00	93.3	43-139		2.25	64	
Bromochloromethane	46.4		"	50.0	0.00	92.8	38-145		4.84	30	
Bromodichloromethane	47.7		"	50.0	0.00	95.5	38-147		3.30	37	
Bromoform	54.0		"	50.0	0.00	108	29-156		0.148	51	
Bromomethane	44.7		"	50.0	0.00	89.3	10-166		2.17	42	
Carbon disulfide	52.6		"	50.0	0.00	105	10-131		1.30	36	
Carbon tetrachloride	49.0		"	50.0	0.00	98.0	35-145		1.92	31	
Chlorobenzene	47.6		"	50.0	0.00	95.2	21-154		0.628	32	
Chloroethane	49.8		"	50.0	0.00	99.7	15-160		3.78	40	
Chloroform	46.8		"	50.0	0.00	93.7	47-142		3.15	29	
Chloromethane	50.9		"	50.0	0.00	102	10-159		1.07	31	
cis-1,2-Dichloroethylene	47.5		"	50.0	0.00	95.1	42-144		0.126	30	
cis-1,3-Dichloropropylene	47.8		"	50.0	0.00	95.5	18-159		2.99	39	
Cyclohexane	47.6		"	50.0	0.00	95.2	70-130		2.37	30	
Dibromochloromethane	51.7		"	50.0	0.00	103	10-179		3.10	41	
Dibromomethane	49.4		"	50.0	0.00	98.7	47-143		1.79	41	
Dichlorodifluoromethane	73.7		"	50.0	0.00	147	10-145	High Bias	1.54	34	
Ethyl Benzene	48.4		"	50.0	0.00	96.8	11-158		0.782	42	
Hexachlorobutadiene	48.8		"	50.0	0.00	97.6	10-158		1.70	45	
Isopropylbenzene	50.0		"	50.0	0.00	100	10-162		2.90	57	
Methyl acetate	53.5		"	50.0	0.00	107	10-149		3.11	64	
Methyl tert-butyl ether (MTBE)	51.1		"	50.0	0.00	102	42-152		4.63	47	
Methylcyclohexane	48.5		"	50.0	0.00	97.1	70-130		0.103	30	
Methylene chloride	46.3		"	50.0	2.39	87.8	28-151		5.22	49	
n-Butylbenzene	48.7		"	50.0	0.00	97.5	10-162		3.02	96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Matrix Spike Dup (BB80312-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared: 02/08/2018 Analyzed: 02/09/2018		
n-Propylbenzene	48.5		ug/L	50.0	0.00	96.9	10-155		2.66	56	
o-Xylene	48.0		"	50.0	0.00	96.0	10-158		2.06	51	
p- & m- Xylenes	94.9		"	100	0.00	94.9	10-156		0.902	47	
p-Isopropyltoluene	50.0		"	50.0	0.00	100	10-147		3.34	60	
sec-Butylbenzene	51.9		"	50.0	0.00	104	10-157		1.69	56	
Styrene	46.8		"	50.0	0.00	93.6	13-171		0.978	39	
tert-Butyl alcohol (TBA)	268		"	250	0.00	107	34-179		0.900	35	
tert-Butylbenzene	51.6		"	50.0	0.00	103	10-160		2.30	79	
Tetrachloroethylene	46.6		"	50.0	0.00	93.1	30-167		0.279	33	
Toluene	48.3		"	50.0	0.00	96.5	21-160		0.310	50	
trans-1,2-Dichloroethylene	45.9		"	50.0	0.00	91.9	29-153		2.43	30	
trans-1,3-Dichloropropylene	47.0		"	50.0	0.00	94.0	18-155		2.83	30	
Trichloroethylene	48.8		"	50.0	0.00	97.6	24-169		1.16	30	
Trichlorofluoromethane	48.5		"	50.0	0.00	97.0	35-142		1.90	30	
Vinyl Chloride	47.0		"	50.0	0.00	94.0	12-160		4.63	35	
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

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

Batch BB80299 - EPA 3550C

Blank (BB80299-BLK1)

Prepared & Analyzed: 02/08/2018

1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)											Prepared & Analyzed: 02/08/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.55*		"	*2.52*		*101*	*20-108*				
Surrogate: Phenol-d5	*2.60*		"	*2.55*		*102*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.24*		"	*1.69*		*133*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.75*		"	*1.83*		*95.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.28*		"	*2.53*		*129*	*19-110*				
Surrogate: Terphenyl-d14	*1.61*		"	*1.77*		*91.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)								Prepared & Analyzed: 02/08/2018			
1,1-Biphenyl	0.832	0.0417	mg/kg wet	0.833		99.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.926	0.0833	"	0.833		111	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.859	0.0417	"	0.833		103	17-137				
2,3,4,6-Tetrachlorophenol	0.813	0.0833	"	0.833		97.6	30-130				
2,4,5-Trichlorophenol	0.894	0.0417	"	0.833		107	27-118				
2,4,6-Trichlorophenol	0.929	0.0417	"	0.833		112	31-120				
2,4-Dichlorophenol	0.937	0.0417	"	0.833		112	20-127				
2,4-Dimethylphenol	0.873	0.0417	"	0.833		105	14-132				
2,4-Dinitrophenol	0.944	0.0833	"	0.833		113	10-171				
2,4-Dinitrotoluene	0.924	0.0417	"	0.833		111	34-131				
2,6-Dinitrotoluene	0.912	0.0417	"	0.833		109	31-128				
2-Chloronaphthalene	0.663	0.0417	"	0.833		79.6	31-117				
2-Chlorophenol	0.791	0.0417	"	0.833		94.9	33-113				
2-Methylnaphthalene	0.907	0.0417	"	0.833		109	12-138				
2-Methylphenol	0.866	0.0417	"	0.833		104	10-136				
2-Nitroaniline	0.887	0.0833	"	0.833		106	27-132				
2-Nitrophenol	0.929	0.0417	"	0.833		111	17-129				
3- & 4-Methylphenols	0.787	0.0417	"	0.833		94.4	29-103				
3,3-Dichlorobenzidine	0.801	0.0417	"	0.833		96.1	22-149				
3-Nitroaniline	0.639	0.0833	"	0.833		76.7	20-133				
4,6-Dinitro-2-methylphenol	1.11	0.0833	"	0.833		133	10-143				
4-Bromophenyl phenyl ether	0.929	0.0417	"	0.833		111	29-120				
4-Chloro-3-methylphenol	1.08	0.0417	"	0.833		130	24-129	High Bias			
4-Chloroaniline	0.528	0.0417	"	0.833		63.4	10-132				
4-Chlorophenyl phenyl ether	0.842	0.0417	"	0.833		101	27-124				
4-Nitroaniline	0.788	0.0833	"	0.833		94.5	16-128				
4-Nitrophenol	1.13	0.0833	"	0.833		136	10-141				
Acenaphthene	0.810	0.0417	"	0.833		97.2	30-121				
Acenaphthylene	0.751	0.0417	"	0.833		90.1	30-115				
Acetophenone	0.937	0.0417	"	0.833		112	20-112				
Aniline	0.689	0.167	"	0.833		82.6	10-119				
Anthracene	0.899	0.0417	"	0.833		108	34-118				
Atrazine	1.07	0.0417	"	0.833		128	26-112	High Bias			
Benzaldehyde	0.917	0.0417	"	0.833		110	21-100	High Bias			
Benzo(a)anthracene	0.980	0.0417	"	0.833		118	32-122				
Benzo(a)pyrene	0.979	0.0417	"	0.833		117	29-133				
Benzo(b)fluoranthene	0.904	0.0417	"	0.833		109	25-133				
Benzo(g,h,i)perylene	0.933	0.0417	"	0.833		112	10-143				
Benzo(k)fluoranthene	0.899	0.0417	"	0.833		108	25-128				
Benzoic acid	1.20	0.0417	"	0.967		124	10-140				
Benzyl alcohol	0.847	0.0417	"	0.833		102	30-115				
Benzyl butyl phthalate	1.09	0.0417	"	0.833		131	26-126	High Bias			
Bis(2-chloroethoxy)methane	0.937	0.0417	"	0.833		112	19-132				
Bis(2-chloroethyl)ether	0.842	0.0417	"	0.833		101	19-125				
Bis(2-chloroisopropyl)ether	0.831	0.0417	"	0.833		99.7	20-135				
Bis(2-ethylhexyl)phthalate	1.11	0.0417	"	0.833		133	10-155				
Caprolactam	1.14	0.0833	"	0.833		137	10-127	High Bias			
Carbazole	0.765	0.0417	"	0.833		91.8	35-123				
Chrysene	0.860	0.0417	"	0.833		103	32-123				
Dibenzo(a,h)anthracene	0.973	0.0417	"	0.833		117	10-136				
Dibenzofuran	0.818	0.0417	"	0.833		98.1	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

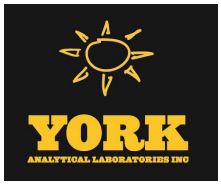
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)								Prepared & Analyzed: 02/08/2018			
Diethyl phthalate	0.826	0.0417	mg/kg wet	0.833		99.2	34-116				
Dimethyl phthalate	0.822	0.0417	"	0.833		98.7	35-124				
Di-n-butyl phthalate	0.890	0.0417	"	0.833		107	31-116				
Di-n-octyl phthalate	1.07	0.0417	"	0.833		128	26-136				
Diphenylamine	1.08	0.0833	"	0.833		130	40-140				
Fluoranthene	0.919	0.0417	"	0.833		110	33-122				
Fluorene	0.807	0.0417	"	0.833		96.9	29-123				
Hexachlorobenzene	0.775	0.0417	"	0.833		93.0	21-124				
Hexachlorobutadiene	0.730	0.0417	"	0.833		87.6	10-149				
Hexachlorocyclopentadiene	0.366	0.0417	"	0.833		43.9	10-129				
Hexachloroethane	0.676	0.0417	"	0.833		81.1	28-108				
Indeno(1,2,3-cd)pyrene	0.948	0.0417	"	0.833		114	10-135				
Isophorone	0.805	0.0417	"	0.833		96.6	20-132				
Naphthalene	0.826	0.0417	"	0.833		99.1	23-124				
Nitrobenzene	0.780	0.0417	"	0.833		93.6	13-132				
N-Nitrosodimethylamine	0.745	0.0417	"	0.833		89.4	11-129				
N-nitroso-di-n-propylamine	0.927	0.0417	"	0.833		111	24-119				
N-Nitrosodiphenylamine	1.13	0.0417	"	0.833		135	22-152				
Pentachlorophenol	0.717	0.0417	"	0.833		86.1	10-139				
Phenanthrene	0.922	0.0417	"	0.833		111	33-123				
Phenol	0.791	0.0417	"	0.833		94.9	23-115				
Pyrene	0.969	0.0417	"	0.833		116	32-130				
Pyridine	0.529	0.167	"	0.833		63.4	10-91				
Surrogate: 2-Fluorophenol	*2.33*		"	*2.52*		*92.7*	*20-108*				
Surrogate: Phenol-d5	*2.46*		"	*2.55*		*96.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.89*		"	*1.69*		*112*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.44*		"	*1.83*		*79.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.92*		"	*2.53*		*115*	*19-110*				
Surrogate: Terphenyl-d14	*1.42*		"	*1.77*		*80.3*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike (BB80299-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
1,1-Biphenyl	0.757	0.0914	mg/kg dry	0.913	ND	82.9	10-130				
1,2,4,5-Tetrachlorobenzene	0.850	0.183	"	0.913	ND	93.0	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.741	0.0914	"	0.913	ND	81.1	10-144				
2,3,4,6-Tetrachlorophenol	0.703	0.183	"	0.913	ND	77.0	30-130				
2,4,5-Trichlorophenol	0.812	0.0914	"	0.913	ND	89.0	10-127				
2,4,6-Trichlorophenol	0.893	0.0914	"	0.913	ND	97.8	10-132				
2,4-Dichlorophenol	0.846	0.0914	"	0.913	ND	92.6	10-128				
2,4-Dimethylphenol	0.815	0.0914	"	0.913	ND	89.2	10-137				
2,4-Dinitrophenol	0.805	0.183	"	0.913	ND	88.2	10-171				
2,4-Dinitrotoluene	0.792	0.0914	"	0.913	ND	86.7	16-135				
2,6-Dinitrotoluene	0.752	0.0914	"	0.913	ND	82.4	18-131				
2-Chloronaphthalene	0.639	0.0914	"	0.913	ND	70.0	10-129				
2-Chlorophenol	0.798	0.0914	"	0.913	ND	87.4	15-116				
2-Methylnaphthalene	0.838	0.0914	"	0.913	ND	91.8	10-147				
2-Methylphenol	0.814	0.0914	"	0.913	ND	89.1	10-136				
2-Nitroaniline	0.809	0.183	"	0.913	ND	88.6	10-137				
2-Nitrophenol	0.820	0.0914	"	0.913	ND	89.8	10-129				
3- & 4-Methylphenols	0.777	0.0914	"	0.913	ND	85.1	10-123				
3,3-Dichlorobenzidine	0.580	0.0914	"	0.913	ND	63.5	10-155				
3-Nitroaniline	0.620	0.183	"	0.913	ND	67.9	12-133				
4,6-Dinitro-2-methylphenol	0.878	0.183	"	0.913	ND	96.2	10-155				
4-Bromophenyl phenyl ether	0.877	0.0914	"	0.913	ND	96.1	14-128				
4-Chloro-3-methylphenol	0.977	0.0914	"	0.913	ND	107	10-134				
4-Chloroaniline	0.565	0.0914	"	0.913	ND	61.8	10-145				
4-Chlorophenyl phenyl ether	0.825	0.0914	"	0.913	ND	90.3	14-130				
4-Nitroaniline	0.671	0.183	"	0.913	ND	73.4	10-147				
4-Nitrophenol	1.00	0.183	"	0.913	ND	110	10-137				
Acenaphthene	0.761	0.0914	"	0.913	ND	83.3	10-146				
Acenaphthylene	0.688	0.0914	"	0.913	ND	75.4	10-134				
Acetophenone	0.868	0.0914	"	0.913	ND	95.0	10-116				
Aniline	0.628	0.366	"	0.913	ND	68.7	10-123				
Anthracene	0.795	0.0914	"	0.913	ND	87.0	10-142				
Atrazine	0.857	0.0914	"	0.913	ND	93.8	19-115				
Benzaldehyde	0.937	0.0914	"	0.913	ND	103	10-125				
Benzo(a)anthracene	0.868	0.0914	"	0.913	ND	95.0	10-158				
Benzo(a)pyrene	0.869	0.0914	"	0.913	ND	95.1	10-180				
Benzo(b)fluoranthene	0.849	0.0914	"	0.913	ND	93.0	10-200				
Benzo(g,h,i)perylene	0.831	0.0914	"	0.913	ND	91.0	10-138				
Benzo(k)fluoranthene	0.774	0.0914	"	0.913	ND	84.7	10-197				
Benzoic acid	1.03	0.0914	"	1.06	ND	97.3	10-166				
Benzyl alcohol	0.864	0.0914	"	0.913	ND	94.6	12-124				
Benzyl butyl phthalate	0.899	0.0914	"	0.913	ND	98.5	10-154				
Bis(2-chloroethoxy)methane	0.896	0.0914	"	0.913	ND	98.1	10-132				
Bis(2-chloroethyl)ether	0.797	0.0914	"	0.913	ND	87.3	10-119				
Bis(2-chloroisopropyl)ether	0.757	0.0914	"	0.913	ND	82.9	10-139				
Bis(2-ethylhexyl)phthalate	0.947	0.0914	"	0.913	ND	104	10-167				
Caprolactam	0.931	0.183	"	0.913	ND	102	10-132				
Carbazole	0.638	0.0914	"	0.913	ND	69.9	10-167				
Chrysene	0.735	0.0914	"	0.913	ND	80.5	10-156				
Dibenzo(a,h)anthracene	0.845	0.0914	"	0.913	ND	92.6	10-137				
Dibenzofuran	0.744	0.0914	"	0.913	ND	81.5	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike (BB80299-MS1)	*Source sample: 18B0184-04 (SB114_15-16)						Prepared & Analyzed: 02/08/2018				
Diethyl phthalate	0.759	0.0914	mg/kg dry	0.913	ND	83.1	20-120				
Dimethyl phthalate	0.755	0.0914	"	0.913	ND	82.7	18-131				
Di-n-butyl phthalate	0.758	0.0914	"	0.913	ND	83.0	10-137				
Di-n-octyl phthalate	0.943	0.0914	"	0.913	ND	103	10-180				
Diphenylamine	0.989	0.183	"	0.913	ND	108	40-140				
Fluoranthene	0.837	0.0914	"	0.913	ND	91.7	10-160				
Fluorene	0.766	0.0914	"	0.913	ND	83.9	10-157				
Hexachlorobenzene	0.674	0.0914	"	0.913	ND	73.8	10-137				
Hexachlorobutadiene	0.631	0.0914	"	0.913	ND	69.1	10-132				
Hexachlorocyclopentadiene	0.233	0.0914	"	0.913	ND	25.5	10-106				
Hexachloroethane	0.658	0.0914	"	0.913	ND	72.1	10-110				
Indeno(1,2,3-cd)pyrene	0.806	0.0914	"	0.913	ND	88.2	10-144				
Isophorone	0.750	0.0914	"	0.913	ND	82.1	10-132				
Naphthalene	0.765	0.0914	"	0.913	ND	83.8	10-141				
Nitrobenzene	0.759	0.0914	"	0.913	ND	83.1	10-131				
N-Nitrosodimethylamine	0.712	0.0914	"	0.913	ND	77.9	10-126				
N-nitroso-di-n-propylamine	0.883	0.0914	"	0.913	ND	96.7	10-125				
N-Nitrosodiphenylamine	0.971	0.0914	"	0.913	ND	106	10-177				
Pentachlorophenol	0.568	0.0914	"	0.913	ND	62.2	10-153				
Phenanthrene	0.817	0.0914	"	0.913	ND	89.4	10-148				
Phenol	0.753	0.0914	"	0.913	ND	82.5	10-126				
Pyrene	0.850	0.0914	"	0.913	ND	93.0	10-165				
Pyridine	0.465	0.366	"	0.913	ND	51.0	10-83				
Surrogate: 2-Fluorophenol	*2.23*		"	*2.76*		*80.9*	*20-108*				
Surrogate: Phenol-d5	*2.33*		"	*2.79*		*83.3*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.79*		"	*1.85*		*96.8*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.38*		"	*2.00*		*68.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.62*		"	*2.78*		*94.2*	*19-110*				
Surrogate: Terphenyl-d14	*1.25*		"	*1.94*		*64.5*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike Dup (BB80299-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
1,1-Biphenyl	0.736	0.0914	mg/kg dry	0.913	ND	80.6	10-130		2.84	30	
1,2,4,5-Tetrachlorobenzene	0.858	0.183	"	0.913	ND	94.0	10-133		1.03	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.733	0.0914	"	0.913	ND	80.3	10-144		0.991	30	
2,3,4,6-Tetrachlorophenol	0.638	0.183	"	0.913	ND	69.9	30-130		9.59	30	
2,4,5-Trichlorophenol	0.807	0.0914	"	0.913	ND	88.3	10-127		0.722	30	
2,4,6-Trichlorophenol	0.817	0.0914	"	0.913	ND	89.5	10-132		8.80	30	
2,4-Dichlorophenol	0.883	0.0914	"	0.913	ND	96.6	10-128		4.23	30	
2,4-Dimethylphenol	0.782	0.0914	"	0.913	ND	85.6	10-137		4.12	30	
2,4-Dinitrophenol	0.666	0.183	"	0.913	ND	73.0	10-171		18.9	30	
2,4-Dinitrotoluene	0.717	0.0914	"	0.913	ND	78.5	16-135		9.98	30	
2,6-Dinitrotoluene	0.792	0.0914	"	0.913	ND	86.7	18-131		5.11	30	
2-Chloronaphthalene	0.633	0.0914	"	0.913	ND	69.4	10-129		0.918	30	
2-Chlorophenol	0.790	0.0914	"	0.913	ND	86.6	15-116		1.01	30	
2-Methylnaphthalene	0.837	0.0914	"	0.913	ND	91.7	10-147		0.0872	30	
2-Methylphenol	0.752	0.0914	"	0.913	ND	82.4	10-136		7.84	30	
2-Nitroaniline	0.803	0.183	"	0.913	ND	87.9	10-137		0.816	30	
2-Nitrophenol	0.928	0.0914	"	0.913	ND	102	10-129		12.3	30	
3- & 4-Methylphenols	0.736	0.0914	"	0.913	ND	80.6	10-123		5.41	30	
3,3-Dichlorobenzidine	0.589	0.0914	"	0.913	ND	64.5	10-155		1.50	30	
3-Nitroaniline	0.676	0.183	"	0.913	ND	74.0	12-133		8.57	30	
4,6-Dinitro-2-methylphenol	0.894	0.183	"	0.913	ND	97.9	10-155		1.81	30	
4-Bromophenyl phenyl ether	0.785	0.0914	"	0.913	ND	85.9	14-128		11.2	30	
4-Chloro-3-methylphenol	1.02	0.0914	"	0.913	ND	112	10-134		4.17	30	
4-Chloroaniline	0.537	0.0914	"	0.913	ND	58.8	10-145		5.04	30	
4-Chlorophenyl phenyl ether	0.763	0.0914	"	0.913	ND	83.5	14-130		7.82	30	
4-Nitroaniline	0.708	0.183	"	0.913	ND	77.5	10-147		5.41	30	
4-Nitrophenol	0.894	0.183	"	0.913	ND	97.9	10-137		11.5	30	
Acenaphthene	0.750	0.0914	"	0.913	ND	82.2	10-146		1.35	30	
Acenaphthylene	0.678	0.0914	"	0.913	ND	74.2	10-134		1.50	30	
Acetophenone	0.802	0.0914	"	0.913	ND	87.8	10-116		7.87	30	
Aniline	0.609	0.366	"	0.913	ND	66.6	10-123		3.07	30	
Anthracene	0.742	0.0914	"	0.913	ND	81.3	10-142		6.84	30	
Atrazine	0.834	0.0914	"	0.913	ND	91.4	19-115		2.68	30	
Benzaldehyde	0.739	0.0914	"	0.913	ND	80.9	10-125		23.7	30	
Benzo(a)anthracene	0.845	0.0914	"	0.913	ND	92.6	10-158		2.64	30	
Benzo(a)pyrene	0.853	0.0914	"	0.913	ND	93.4	10-180		1.87	30	
Benzo(b)fluoranthene	0.763	0.0914	"	0.913	ND	83.5	10-200		10.7	30	
Benzo(g,h,i)perylene	0.793	0.0914	"	0.913	ND	86.9	10-138		4.59	30	
Benzo(k)fluoranthene	0.759	0.0914	"	0.913	ND	83.1	10-197		1.91	30	
Benzoic acid	0.935	0.0914	"	1.06	ND	88.3	10-166		9.74	30	
Benzyl alcohol	0.712	0.0914	"	0.913	ND	78.0	12-124		19.3	30	
Benzyl butyl phthalate	0.873	0.0914	"	0.913	ND	95.6	10-154		2.97	30	
Bis(2-chloroethoxy)methane	0.886	0.0914	"	0.913	ND	97.0	10-132		1.07	30	
Bis(2-chloroethyl)ether	0.771	0.0914	"	0.913	ND	84.5	10-119		3.26	30	
Bis(2-chloroisopropyl)ether	0.685	0.0914	"	0.913	ND	75.0	10-139		10.0	30	
Bis(2-ethylhexyl)phthalate	0.887	0.0914	"	0.913	ND	97.1	10-167		6.53	30	
Caprolactam	0.995	0.183	"	0.913	ND	109	10-132		6.68	30	
Carbazole	0.649	0.0914	"	0.913	ND	71.0	10-167		1.59	30	
Chrysene	0.740	0.0914	"	0.913	ND	81.0	10-156		0.693	30	
Dibenzo(a,h)anthracene	0.797	0.0914	"	0.913	ND	87.3	10-137		5.87	30	
Dibenzofuran	0.717	0.0914	"	0.913	ND	78.5	10-147		3.80	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike Dup (BB80299-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
Diethyl phthalate	0.716	0.0914	mg/kg dry	0.913	ND	78.4	20-120		5.84	30	
Dimethyl phthalate	0.735	0.0914	"	0.913	ND	80.5	18-131		2.75	30	
Di-n-butyl phthalate	0.754	0.0914	"	0.913	ND	82.6	10-137		0.580	30	
Di-n-octyl phthalate	0.920	0.0914	"	0.913	ND	101	10-180		2.43	30	
Diphenylamine	0.912	0.183	"	0.913	ND	99.8	40-140		8.15	30	
Fluoranthene	0.793	0.0914	"	0.913	ND	86.9	10-160		5.38	30	
Fluorene	0.734	0.0914	"	0.913	ND	80.4	10-157		4.28	30	
Hexachlorobenzene	0.659	0.0914	"	0.913	ND	72.2	10-137		2.19	30	
Hexachlorobutadiene	0.657	0.0914	"	0.913	ND	71.9	10-132		3.97	30	
Hexachlorocyclopentadiene	0.229	0.0914	"	0.913	ND	25.1	10-106		1.58	30	
Hexachloroethane	0.602	0.0914	"	0.913	ND	65.9	10-110		8.93	30	
Indeno(1,2,3-cd)pyrene	0.796	0.0914	"	0.913	ND	87.1	10-144		1.28	30	
Isophorone	0.752	0.0914	"	0.913	ND	82.4	10-132		0.389	30	
Naphthalene	0.757	0.0914	"	0.913	ND	82.9	10-141		1.06	30	
Nitrobenzene	0.708	0.0914	"	0.913	ND	77.5	10-131		6.97	30	
N-Nitrosodimethylamine	0.678	0.0914	"	0.913	ND	74.2	10-126		4.84	30	
N-nitroso-di-n-propylamine	0.770	0.0914	"	0.913	ND	84.3	10-125		13.7	30	
N-Nitrosodiphenylamine	0.967	0.0914	"	0.913	ND	106	10-177		0.377	30	
Pentachlorophenol	0.500	0.0914	"	0.913	ND	54.8	10-153		12.6	30	
Phenanthrene	0.776	0.0914	"	0.913	ND	85.0	10-148		5.14	30	
Phenol	0.701	0.0914	"	0.913	ND	76.7	10-126		7.24	30	
Pyrene	0.812	0.0914	"	0.913	ND	89.0	10-165		4.48	30	
Pyridine	0.399	0.366	"	0.913	ND	43.7	10-83		15.4	30	
Surrogate: 2-Fluorophenol	*2.10*		"	*2.76*		*76.3*	*20-108*				
Surrogate: Phenol-d5	*2.28*		"	*2.79*		*81.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.79*		"	*1.85*		*96.9*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.39*		"	*2.00*		*69.6*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.54*		"	*2.78*		*91.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.24*		"	*1.94*		*64.1*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80277 - EPA 3550C											
Blank (BB80277-BLK1)											Prepared: 02/07/2018 Analyzed: 02/08/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0716*		*"*	*0.0697*		*103*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0572*		*"*	*0.0673*		*84.9*	*30-150*				
LCS (BB80277-BS1)											Prepared: 02/07/2018 Analyzed: 02/08/2018
4,4'-DDD	0.0356	0.000330	mg/kg wet	0.0333		107	40-140				
4,4'-DDE	0.0299	0.000330	"	0.0333		89.8	40-140				
4,4'-DDT	0.0354	0.000330	"	0.0333		106	40-140				
Aldrin	0.0367	0.000330	"	0.0333		110	40-140				
alpha-BHC	0.0379	0.000330	"	0.0333		114	40-140				
alpha-Chlordane	0.0343	0.000330	"	0.0333		103	40-140				
beta-BHC	0.0372	0.000330	"	0.0333		112	40-140				
delta-BHC	0.0396	0.000330	"	0.0333		119	40-140				
Dieldrin	0.0374	0.000330	"	0.0333		112	40-140				
Endosulfan I	0.0417	0.000330	"	0.0333		125	40-140				
Endosulfan II	0.0385	0.000330	"	0.0333		115	40-140				
Endosulfan sulfate	0.0398	0.000330	"	0.0333		120	40-140				
Endrin	0.0355	0.000330	"	0.0333		106	40-140				
Endrin aldehyde	0.0361	0.000330	"	0.0333		108	40-140				
Endrin ketone	0.0406	0.000330	"	0.0333		122	40-140				
gamma-BHC (Lindane)	0.0361	0.000330	"	0.0333		108	40-140				
gamma-Chlordane	0.0346	0.000330	"	0.0333		104	40-140				
Heptachlor	0.0334	0.000330	"	0.0333		100	40-140				
Heptachlor epoxide	0.0340	0.000330	"	0.0333		102	40-140				
Methoxychlor	0.0299	0.00165	"	0.0333		89.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0695*		*"*	*0.0697*		*99.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0627*		*"*	*0.0673*		*93.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80277 - EPA 3550C											
Matrix Spike (BB80277-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/07/2018 Analyzed: 02/08/2018			
4,4'-DDD	0.0258	0.00181	mg/kg dry	0.0365	ND	70.7	30-150				
4,4'-DDE	0.0237	0.00181	"	0.0365	ND	64.9	30-150				
4,4'-DDT	0.0250	0.00181	"	0.0365	ND	68.4	30-150				
Aldrin	0.0338	0.00181	"	0.0365	ND	92.5	30-150				
alpha-BHC	0.0374	0.00181	"	0.0365	ND	102	30-150				
alpha-Chlordane	0.0355	0.00181	"	0.0365	ND	97.1	30-150				
beta-BHC	0.0389	0.00181	"	0.0365	ND	107	30-150				
delta-BHC	0.0335	0.00181	"	0.0365	ND	91.8	30-150				
Dieldrin	0.0354	0.00181	"	0.0365	ND	96.9	30-150				
Endosulfan I	0.0415	0.00181	"	0.0365	ND	114	30-150				
Endosulfan II	0.0374	0.00181	"	0.0365	ND	102	30-150				
Endosulfan sulfate	0.0362	0.00181	"	0.0365	ND	99.2	30-150				
Endrin	0.0344	0.00181	"	0.0365	ND	94.1	30-150				
Endrin aldehyde	0.0331	0.00181	"	0.0365	ND	90.7	30-150				
Endrin ketone	0.0392	0.00181	"	0.0365	ND	107	30-150				
gamma-BHC (Lindane)	0.0371	0.00181	"	0.0365	ND	102	30-150				
gamma-Chlordane	0.0343	0.00181	"	0.0365	ND	94.0	30-150				
Heptachlor	0.0342	0.00181	"	0.0365	ND	93.5	30-150				
Heptachlor epoxide	0.0365	0.00181	"	0.0365	ND	99.9	30-150				
Methoxychlor	0.0241	0.00904	"	0.0365	ND	66.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0819*		*"*	*0.0763*		*107*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0729*		*"*	*0.0738*		*98.7*	*30-150*				
Matrix Spike Dup (BB80277-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/07/2018 Analyzed: 02/08/2018			
4,4'-DDD	0.0357	0.00181	mg/kg dry	0.0365	ND	97.7	30-150		32.0	30	Non-dir.
4,4'-DDE	0.0322	0.00181	"	0.0365	ND	88.2	30-150		30.4	30	Non-dir.
4,4'-DDT	0.0349	0.00181	"	0.0365	ND	95.5	30-150		33.1	30	Non-dir.
Aldrin	0.0408	0.00181	"	0.0365	ND	112	30-150		18.7	30	
alpha-BHC	0.0479	0.00181	"	0.0365	ND	131	30-150		24.7	30	
alpha-Chlordane	0.0438	0.00181	"	0.0365	ND	120	30-150		20.9	30	
beta-BHC	0.0508	0.00181	"	0.0365	ND	139	30-150		26.4	30	
delta-BHC	0.0468	0.00181	"	0.0365	ND	128	30-150		33.0	30	Non-dir.
Dieldrin	0.0458	0.00181	"	0.0365	ND	125	30-150		25.5	30	
Endosulfan I	0.0526	0.00181	"	0.0365	ND	144	30-150		23.7	30	
Endosulfan II	0.0499	0.00181	"	0.0365	ND	137	30-150		28.6	30	
Endosulfan sulfate	0.0507	0.00181	"	0.0365	ND	139	30-150		33.2	30	Non-dir.
Endrin	0.0462	0.00181	"	0.0365	ND	126	30-150		29.4	30	
Endrin aldehyde	0.0472	0.00181	"	0.0365	ND	129	30-150		35.1	30	Non-dir.
Endrin ketone	0.0537	0.00181	"	0.0365	ND	147	30-150		31.2	30	Non-dir.
gamma-BHC (Lindane)	0.0479	0.00181	"	0.0365	ND	131	30-150		25.3	30	
gamma-Chlordane	0.0425	0.00181	"	0.0365	ND	116	30-150		21.4	30	
Heptachlor	0.0417	0.00181	"	0.0365	ND	114	30-150		20.0	30	
Heptachlor epoxide	0.0458	0.00181	"	0.0365	ND	125	30-150		22.6	30	
Methoxychlor	0.0338	0.00904	"	0.0365	ND	92.5	30-150		33.3	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0940*		*"*	*0.0763*		*123*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0825*		*"*	*0.0738*		*112*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B0908 - BL70213											
Performance Mix (Y8B0908-PEM1)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.707		"	0.00			0-200				
4,4'-DDT	160		"	200		79.8	0-200				
Endrin	133		"	100		133	0-200				
Endrin aldehyde	1.31		"	0.00			0-200				
Endrin ketone	9.71		"	0.00			0-200				
Performance Mix (Y8B0908-PEM2)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.786		"	0.00			0-200				
4,4'-DDT	224		"	200		112	0-200				
Endrin	164		"	100		164	0-200				
Endrin aldehyde	1.81		"	0.00			0-200				
Endrin ketone	10.8		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80277 - EPA 3550C											
Blank (BB80277-BLK2)								Prepared: 02/07/2018 Analyzed: 02/08/2018			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0697*		*"*	*0.0673*		*103*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0613*		*"*	*0.0697*		*88.0*	*30-140*				
LCS (BB80277-BS2)								Prepared: 02/07/2018 Analyzed: 02/08/2018			
Aroclor 1016	0.305	0.0167	mg/kg wet	0.333		91.5	40-130				
Aroclor 1260	0.317	0.0167	"	0.333		95.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0510*		*"*	*0.0673*		*75.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0697*		*70.8*	*30-140*				
Matrix Spike (BB80277-MS2)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/07/2018 Analyzed: 02/08/2018			
Aroclor 1016	0.372	0.0183	mg/kg dry	0.365	ND	102	40-140				
Aroclor 1260	0.358	0.0183	"	0.365	ND	98.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0636*		*"*	*0.0738*		*86.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0533*		*"*	*0.0763*		*69.9*	*30-140*				
Matrix Spike Dup (BB80277-MSD2)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/07/2018 Analyzed: 02/08/2018			
Aroclor 1016	0.384	0.0183	mg/kg dry	0.365	ND	105	40-140		3.05	50	
Aroclor 1260	0.381	0.0183	"	0.365	ND	104	40-140		6.20	50	
Surrogate: Tetrachloro-m-xylene	*0.0650*		*"*	*0.0738*		*88.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0588*		*"*	*0.0763*		*77.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80354 - EPA 3550B/8151A											
Blank (BB80354-BLK1)								Prepared & Analyzed: 02/09/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.547*		*"*	*0.500*		*109*	*30-150*				
LCS (BB80354-BS1)								Prepared & Analyzed: 02/09/2018			
2,4,5-T	0.157	0.0200	mg/kg wet	0.160		98.1	40-140				
2,4,5-TP (Silvex)	0.160	0.0200	"	0.160		100	40-140				
2,4-D	0.149	0.0200	"	0.160		93.1	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.570*		*"*	*0.500*		*114*	*30-150*				
Matrix Spike (BB80354-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/09/2018			
2,4,5-T	0.138	0.0218	mg/kg dry	0.175	ND	78.8	30-150				
2,4,5-TP (Silvex)	0.140	0.0218	"	0.175	ND	80.0	30-150				
2,4-D	0.117	0.0218	"	0.175	ND	66.9	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.544*		*"*	*0.546*		*99.6*	*30-150*				
Matrix Spike Dup (BB80354-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/09/2018			
2,4,5-T	0.153	0.0217	mg/kg dry	0.174	ND	88.1	30-150		10.8	35	
2,4,5-TP (Silvex)	0.155	0.0217	"	0.174	ND	89.4	30-150		10.7	35	
2,4-D	0.141	0.0217	"	0.174	ND	81.2	30-150		19.0	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.608*		*"*	*0.544*		*112*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80259 - EPA 3050B											
Blank (BB80259-BLK1)									Prepared & Analyzed: 02/07/2018		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	18.6	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Duplicate (BB80259-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared & Analyzed: 02/07/2018		
Aluminum	10600	5.48	mg/kg dry		13700				25.1	35	
Antimony	ND	0.548	"		ND					35	
Arsenic	2.51	1.10	"		2.82				11.4	35	
Barium	66.6	1.10	"		64.6				3.03	35	
Beryllium	ND	0.110	"		ND					35	
Cadmium	ND	0.329	"		ND					35	
Calcium	1310	5.48	"		1270				3.02	35	
Chromium	21.4	0.548	"		32.8				42.3	35	Non-dir.
Cobalt	11.0	0.548	"		12.7				14.5	35	
Copper	44.4	0.548	"		58.9				28.1	35	
Iron	15200	2.19	"		18700				20.6	35	
Lead	29.8	0.548	"		44.3				39.1	35	Non-dir.
Magnesium	4440	5.48	"		7840				55.4	35	Non-dir.
Manganese	480	0.548	"		504				4.85	35	
Nickel	63.2	0.548	"		59.1				6.73	35	
Potassium	1070	5.48	"		3190				99.6	35	Non-dir.
Selenium	ND	1.10	"		ND					35	
Silver	ND	0.548	"		ND					35	
Sodium	190	11.0	"		216				13.0	35	
Thallium	ND	1.10	"		ND					35	
Vanadium	28.8	1.10	"		43.5				40.6	35	Non-dir.
Zinc	60.0	1.64	"		133				75.4	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80259 - EPA 3050B											
Reference (BB80259-SRM1)								Prepared & Analyzed: 02/07/2018			
Aluminum	7240	5.00	mg/kg wet	8090		89.5	49.8-149.6				
Antimony	103	0.500	"	99.3		104	0.5-207.5				
Arsenic	98.8	1.00	"	100		98.8	80.9-120				
Barium	219	1.00	"	217		101	81.6-118.4				
Beryllium	145	0.100	"	147		98.5	81.6-119.1				
Cadmium	80.9	0.300	"	83.7		96.6	81.2-118.9				
Calcium	5680	5.00	"	6010		94.4	80.9-119				
Chromium	100	0.500	"	107		93.8	77.5-121.5				
Cobalt	122	0.500	"	123		99.1	82.1-117.9				
Copper	179	0.500	"	166		108	80.7-118.7				
Iron	12400	2.00	"	14600		85.1	45.1-154.8				
Lead	86.5	0.500	"	88.4		97.8	81.2-118.8				
Magnesium	2700	5.00	"	2930		92.3	74.7-125.3				
Manganese	296	0.500	"	311		95.3	80.1-119.9				
Nickel	61.2	0.500	"	49.8		123	80.9-118.9	High Bias			
Potassium	2540	5.00	"	2620		96.9	69.1-130.9				
Selenium	90.7	1.00	"	87.7		103	76.1-124.3				
Silver	38.9	0.500	"	41.4		94.0	73.7-126.1				
Sodium	278	10.0	"	252		110	69.1-131.4				
Thallium	55.3	1.00	"	58.1		95.1	77.6-122.6				
Vanadium	134	1.00	"	140		95.6	76.4-122.9				
Zinc	132	1.50	"	145		91.3	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80255 - EPA 7473 soil											
Blank (BB80255-BLK1)								Prepared & Analyzed: 02/07/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB80255-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Mercury	ND	0.0329	mg/kg dry		ND					35	
Matrix Spike (BB80255-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Mercury	0.428		mg/kg	0.500	0.00920	83.7	75-125				
Reference (BB80255-SRM1)								Prepared & Analyzed: 02/07/2018			
Mercury	19.351		mg/kg	13.8		140	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80390 - % Solids Prep											
Duplicate (BB80390-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/09/2018			
% Solids	92.0	0.100	%		91.3				0.765	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80262 - EPA SW846-3060											
Blank (BB80262-BLK1)								Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BB80262-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	0.570	0.548	mg/kg dry		0.570				0.00	35	
Matrix Spike (BB80262-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	21.5	0.548	mg/kg dry	21.9	0.570	95.4	75-125				
Reference (BB80262-SRM1)								Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	111		mg/L	207		53.5	40.5-101.9				
Batch BB80302 - Analysis Preparation Soil											
Blank (BB80302-BLK1)								Prepared & Analyzed: 02/08/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BB80302-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
Cyanide, total	ND	0.548	mg/kg dry		ND					15	
Matrix Spike (BB80302-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
Cyanide, total	9.41	0.548	mg/kg dry	11.0	ND	85.8	79.6-107				
Reference (BB80302-SRM1)								Prepared & Analyzed: 02/08/2018			
Cyanide, total	43.1		ug/mL	62.8		68.6	6.37-86				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0184-01	SB114_0-2	40mL Vial with Stir Bar-Cool 4° C
18B0184-04	SB114_15-16	40mL Vial with Stir Bar-Cool 4° C
18B0184-06	SB114_30-31	40mL Vial with Stir Bar-Cool 4° C
18B0184-08	SB114_39-40	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0184

YOUR Information

Company: LANGAN ENG.
Address: 300 W 31ST ST 8FL.
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB114 - 0-2	02/06/18 1020	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40 mL, 2x8oz
SB114 - 6-7	02/06/18 1050	S	TCL+30 VOCs+SVOCs, PCBs, Pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114 - 10-11	02/06/18 1055	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114 - 15-16	02/06/18 1030	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
EBMS03_020618	02/06/18 1030	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
EBMSD03_020618	02/06/18 1030	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
SB114 - 19-20	02/06/18 1310	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114 - 30-31	02/06/18 1525	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
SB114 - 34-36	02/06/18 1550	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114 - 39-40	02/06/18 1555	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz

Comments

Preservation Check those Applicable
4°C X Frozen ___ HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	02/06/18 1610		2/6/18 1610
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Fahle	2/6/18 1924

Temperature on Receipt 0.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/19/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0184

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 02/19/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0184

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 06, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0184-01	SB114_0-2	Soil	02/06/2018	02/06/2018
18B0184-02	SB114_6-7	Soil	02/06/2018	02/06/2018
18B0184-04	SB114_15-16	Soil	02/06/2018	02/06/2018
18B0184-06	SB114_30-31	Soil	02/06/2018	02/06/2018
18B0184-08	SB114_39-40	Soil	02/06/2018	02/06/2018

General Notes for York Project (SDG) No.: 18B0184

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

Approved By:

Date: 02/19/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0072**	J	mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0779**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.265**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.315**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**2.23**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.73**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**2.41**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.91**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.97**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0882**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.08**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.471**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0463**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.84**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0603**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.69**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.20**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**3.04**		mg/kg dry	0.115	0.230	5	EPA 8270D	02/08/2018 04:21	02/09/2018 10:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*62.4 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*65.1 %*	*23-114*

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*77.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.9 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*79.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*53.9 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
016587-58-9	**benzo[de]anthracen isomer**	**588**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
000192-97-2	**benzo[e]pyrene isomer**	**1620**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**dibenzophenanthrene isomer**	**441**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**Dinaphtho furan isomer**	**515**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
000193-39-5	**indeno[1,2,3-cd]pyrene isomer**	**441**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**methyl Chrysene isomer**	**735**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**methyl Pyrene isomer**	**1030**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**Perylene (TIC)**	**809**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2018 14:05	02/08/2018 19:04	LAB

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00910	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0921	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.4 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*137 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	5.00	1	EPA 6010C/1311	02/15/2018 11:49	02/16/2018 01:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8670**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.02**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.47**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**134**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.854**		mg/kg dry	0.331	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**8160**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.28**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**62.7**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14900**		mg/kg dry	2.21	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1730**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2580**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**322**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**26.9**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1000**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.59**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**336**	B	mg/kg dry	11.0	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.2**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**314**		mg/kg dry	1.65	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.755**		mg/kg dry	0.0331	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:41	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.7**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/13/2018 18:50	02/14/2018 12:14	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB114_6-7** **York Sample ID:** **18B0184-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:50 am	02/06/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8810**		mg/kg dry	5.54	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.90**		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**404**		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.742**		mg/kg dry	0.333	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**19300**		mg/kg dry	5.54	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.45**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**34.8**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18400**		mg/kg dry	2.22	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**2570**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2240**		mg/kg dry	5.54	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**416**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**20.4**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.54	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.59**		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**127**	B	mg/kg dry	11.1	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.9**		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_6-7 **York Sample ID:** 18B0184-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:50 am	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**530**		mg/kg dry	1.66	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0642**		mg/kg dry	0.0333	1	EPA 7473	02/14/2018 09:58	02/14/2018 10:24	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	02/16/2018 14:50	02/16/2018 16:33	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0048**	J	mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.6 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*78.4 %*	*23-114*

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*91.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.3 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*92.4 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*59.4 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Octadecenamide isomer**	**365**	N	ug/kg dry			2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00904	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0915	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:			

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.6 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*128 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13700**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.82**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**64.6**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.329	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1270**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**32.8**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**12.7**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**58.9**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**18700**		mg/kg dry	2.19	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**44.3**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7840**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**504**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**59.1**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3190**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**216**	B	mg/kg dry	11.0	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**43.5**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**133**		mg/kg dry	1.64	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:11	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.570**		mg/kg dry	0.548	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**32.2**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.548	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB114_30-31** **York Sample ID:** **18B0184-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*71.1 %*	*23-114*

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*89.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.5 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*78.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*58.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00861	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0872	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:			

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.7 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.2 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0206	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0206	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0206	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*115 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9550**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.00**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**59.4**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3390**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.34**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.2**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**16900**		mg/kg dry	2.09	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.10**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6670**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**413**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**39.2**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3180**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.51**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**498**	B	mg/kg dry	10.4	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.4**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**59.3**		mg/kg dry	1.57	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0313	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:51	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.8**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.3**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.522	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB114_39-40** **York Sample ID:** **18B0184-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*76.7 %*	*23-114*

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*97.0 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.1 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*87.7 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*63.4 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0345	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00863	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0874	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:			

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.7 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.8 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*120 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5550**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.98**		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**48.1**		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2180**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.3**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.5**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.8**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13500**		mg/kg dry	2.09	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**10.5**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**9940**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**387**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**96.1**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1210**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**334**	B	mg/kg dry	10.5	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**34.5**		mg/kg dry	1.57	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0314	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:59	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.6**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.523	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.3**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.523	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BB80255 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80255-BLK1	Blank	02/07/18
BB80255-DUP1	Duplicate	02/07/18
BB80255-MS1	Matrix Spike	02/07/18
BB80255-SRM1	Reference	02/07/18

Batch ID: BB80259 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80259-BLK1	Blank	02/07/18
BB80259-DUP1	Duplicate	02/07/18
BB80259-SRM1	Reference	02/07/18

Batch ID: BB80262 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80262-BLK1	Blank	02/07/18
BB80262-DUP1	Duplicate	02/07/18
BB80262-MS1	Matrix Spike	02/07/18
BB80262-SRM1	Reference	02/07/18

Batch ID: BB80277 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80277-BLK1	Blank	02/07/18

BB80277-BLK2	Blank	02/07/18
BB80277-BS1	LCS	02/07/18
BB80277-BS2	LCS	02/07/18
BB80277-MS1	Matrix Spike	02/07/18
BB80277-MS2	Matrix Spike	02/07/18
BB80277-MSD1	Matrix Spike Dup	02/07/18
BB80277-MSD2	Matrix Spike Dup	02/07/18

Batch ID: BB80299 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/08/18
18B0184-01	SB114_0-2	02/08/18
18B0184-01RE1	SB114_0-2	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-08	SB114_39-40	02/08/18
18B0184-08	SB114_39-40	02/08/18
BB80299-BLK1	Blank	02/08/18
BB80299-BLK1	Blank	02/08/18
BB80299-BS1	LCS	02/08/18
BB80299-MS1	Matrix Spike	02/08/18
BB80299-MSD1	Matrix Spike Dup	02/08/18

Batch ID: BB80302 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-08	SB114_39-40	02/08/18
BB80302-BLK1	Blank	02/08/18
BB80302-DUP1	Duplicate	02/08/18
BB80302-MS1	Matrix Spike	02/08/18
BB80302-SRM1	Reference	02/08/18

Batch ID: BB80312 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-08	SB114_39-40	02/08/18
BB80312-BLK1	Blank	02/08/18
BB80312-BS1	LCS	02/08/18
BB80312-BSD1	LCS Dup	02/08/18
BB80312-MS1	Matrix Spike	02/08/18
BB80312-MSD1	Matrix Spike Dup	02/08/18

Batch ID: BB80354 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/09/18
18B0184-04	SB114_15-16	02/09/18
18B0184-06	SB114_30-31	02/09/18
18B0184-08	SB114_39-40	02/09/18
BB80354-BLK1	Blank	02/09/18
BB80354-BS1	LCS	02/09/18
BB80354-MS1	Matrix Spike	02/09/18
BB80354-MSD1	Matrix Spike Dup	02/09/18

Batch ID: BB80390 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/09/18
18B0184-04	SB114_15-16	02/09/18
18B0184-06	SB114_30-31	02/09/18
18B0184-08	SB114_39-40	02/09/18
BB80390-DUP1	Duplicate	02/09/18

Batch ID: BB80443 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/12/18
18B0184-04	SB114_15-16	02/12/18
18B0184-06	SB114_30-31	02/12/18
18B0184-08	SB114_39-40	02/12/18

Batch ID: BB80516 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/13/18
BB80516-BLK1	Blank	02/13/18

Batch ID: BB80543 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-02	SB114_6-7	02/14/18
BB80543-BLK1	Blank	02/14/18
BB80543-DUP1	Duplicate	02/14/18
BB80543-MS1	Matrix Spike	02/14/18
BB80543-SRM1	Reference	02/14/18

Batch ID: BB80619 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-02	SB114_6-7	02/15/18
BB80619-BLK1	Blank	02/15/18
BB80619-SRM1	Reference	02/15/18

Batch ID: BB80629 **Preparation Method:** EPA 3015A/1311 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/15/18
BB80629-BLK1	Blank	02/15/18
BB80629-DUP1	Duplicate	02/15/18
BB80629-LBK1	Leach Fluid Blank	02/15/18
BB80629-MS1	Matrix Spike	02/15/18
BB80629-SRM1	Reference	02/15/18

Batch ID: BB80719 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-02	SB114_6-7	02/16/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Blank (BB80312-BLK1)											Prepared & Analyzed: 02/08/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

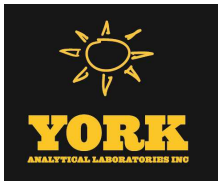
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Blank (BB80312-BLK1)											Prepared & Analyzed: 02/08/2018
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.7*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.6*	*76-130*				
LCS (BB80312-BS1)											Prepared & Analyzed: 02/08/2018
1,1,1,2-Tetrachloroethane	51.3		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	48.2		"	50.0		96.5	71-137				
1,1,2,2-Tetrachloroethane	54.9		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.3		"	50.0		94.6	58-146				
1,1,2-Trichloroethane	50.6		"	50.0		101	83-123				
1,1-Dichloroethane	47.2		"	50.0		94.5	75-130				
1,1-Dichloroethylene	44.9		"	50.0		89.7	64-137				
1,2,3-Trichlorobenzene	51.4		"	50.0		103	81-140				
1,2,3-Trichloropropane	53.1		"	50.0		106	81-126				
1,2,4-Trichlorobenzene	48.2		"	50.0		96.5	80-141				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.1	84-125				
1,2-Dibromo-3-chloropropane	57.9		"	50.0		116	74-142				
1,2-Dibromoethane	51.7		"	50.0		103	86-123				
1,2-Dichlorobenzene	49.6		"	50.0		99.3	85-122				
1,2-Dichloroethane	47.9		"	50.0		95.8	71-133				
1,2-Dichloropropane	49.1		"	50.0		98.2	81-122				
1,3,5-Trimethylbenzene	48.7		"	50.0		97.4	82-126				
1,3-Dichlorobenzene	47.8		"	50.0		95.6	84-124				
1,4-Dichlorobenzene	47.4		"	50.0		94.9	84-124				
1,4-Dioxane	1210		"	1050		115	10-228				
2-Butanone	55.0		"	50.0		110	58-147				
2-Hexanone	55.0		"	50.0		110	70-139				
4-Methyl-2-pentanone	55.0		"	50.0		110	72-132				
Acetone	42.5		"	50.0		85.0	36-155				
Acrolein	40.7		"	50.0		81.4	10-238				
Acrylonitrile	49.3		"	50.0		98.6	66-141				
Benzene	47.7		"	50.0		95.5	77-127				
Bromochloromethane	48.6		"	50.0		97.1	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
LCS (BB80312-BS1)								Prepared & Analyzed: 02/08/2018			
Bromodichloromethane	49.8		ug/L	50.0		99.6	81-124				
Bromoform	54.6		"	50.0		109	80-136				
Bromomethane	43.9		"	50.0		87.8	32-177				
Carbon disulfide	52.4		"	50.0		105	10-136				
Carbon tetrachloride	49.0		"	50.0		98.1	66-143				
Chlorobenzene	48.2		"	50.0		96.3	86-120				
Chloroethane	49.7		"	50.0		99.4	51-142				
Chloroform	48.3		"	50.0		96.7	76-131				
Chloromethane	51.0		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	46.2		"	50.0		92.3	74-132				
cis-1,3-Dichloropropylene	49.5		"	50.0		99.0	81-129				
Cyclohexane	46.9		"	50.0		93.8	70-130				
Dibromochloromethane	55.1		"	50.0		110	10-200				
Dibromomethane	50.6		"	50.0		101	83-124				
Dichlorodifluoromethane	73.8		"	50.0		148	28-158				
Ethyl Benzene	48.4		"	50.0		96.9	84-125				
Hexachlorobutadiene	49.7		"	50.0		99.3	83-133				
Isopropylbenzene	47.9		"	50.0		95.7	81-127				
Methyl acetate	43.2		"	50.0		86.4	41-143				
Methyl tert-butyl ether (MTBE)	53.2		"	50.0		106	74-131				
Methylcyclohexane	47.5		"	50.0		95.0	70-130				
Methylene chloride	45.4		"	50.0		90.8	57-141				
n-Butylbenzene	47.7		"	50.0		95.4	80-130				
n-Propylbenzene	47.1		"	50.0		94.2	74-136				
o-Xylene	49.0		"	50.0		98.0	83-123				
p- & m- Xylenes	95.6		"	100		95.6	82-128				
p-Isopropyltoluene	49.2		"	50.0		98.4	85-125				
sec-Butylbenzene	50.2		"	50.0		100	83-125				
Styrene	48.4		"	50.0		96.8	86-126				
tert-Butyl alcohol (TBA)	270		"	250		108	70-130				
tert-Butylbenzene	50.0		"	50.0		100	80-127				
Tetrachloroethylene	46.8		"	50.0		93.7	80-129				
Toluene	48.1		"	50.0		96.1	85-121				
trans-1,2-Dichloroethylene	44.9		"	50.0		89.8	72-132				
trans-1,3-Dichloropropylene	49.4		"	50.0		98.9	78-132				
Trichloroethylene	48.6		"	50.0		97.2	84-123				
Trichlorofluoromethane	49.0		"	50.0		98.1	62-140				
Vinyl Chloride	47.8		"	50.0		95.5	52-130				
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
LCS Dup (BB80312-BSD1)								Prepared & Analyzed: 02/08/2018			
1,1,1,2-Tetrachloroethane	51.8		ug/L	50.0		104	75-129		0.912	30	
1,1,1-Trichloroethane	48.4		"	50.0		96.8	71-137		0.310	30	
1,1,2,2-Tetrachloroethane	54.4		"	50.0		109	79-129		0.970	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.8		"	50.0		93.5	58-146		1.11	30	
1,1,2-Trichloroethane	51.4		"	50.0		103	83-123		1.57	30	
1,1-Dichloroethane	48.2		"	50.0		96.4	75-130		2.03	30	
1,1-Dichloroethylene	44.8		"	50.0		89.7	64-137		0.0446	30	
1,2,3-Trichlorobenzene	52.8		"	50.0		106	81-140		2.78	30	
1,2,3-Trichloropropane	54.0		"	50.0		108	81-126		1.79	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		4.54	30	
1,2,4-Trimethylbenzene	49.4		"	50.0		98.9	84-125		1.84	30	
1,2-Dibromo-3-chloropropane	57.1		"	50.0		114	74-142		1.34	30	
1,2-Dibromoethane	51.5		"	50.0		103	86-123		0.407	30	
1,2-Dichlorobenzene	50.4		"	50.0		101	85-122		1.44	30	
1,2-Dichloroethane	48.7		"	50.0		97.5	71-133		1.74	30	
1,2-Dichloropropane	49.0		"	50.0		98.0	81-122		0.184	30	
1,3,5-Trimethylbenzene	49.8		"	50.0		99.7	82-126		2.29	30	
1,3-Dichlorobenzene	49.2		"	50.0		98.3	84-124		2.78	30	
1,4-Dichlorobenzene	49.5		"	50.0		99.0	84-124		4.25	30	
1,4-Dioxane	1210		"	1050		115	10-228		0.0282	30	
2-Butanone	56.6		"	50.0		113	58-147		2.85	30	
2-Hexanone	54.1		"	50.0		108	70-139		1.58	30	
4-Methyl-2-pentanone	53.6		"	50.0		107	72-132		2.63	30	
Acetone	43.1		"	50.0		86.2	36-155		1.33	30	
Acrolein	40.1		"	50.0		80.2	10-238		1.58	30	
Acrylonitrile	49.7		"	50.0		99.3	66-141		0.728	30	
Benzene	47.8		"	50.0		95.6	77-127		0.126	30	
Bromochloromethane	48.1		"	50.0		96.2	74-129		0.993	30	
Bromodichloromethane	49.2		"	50.0		98.3	81-124		1.33	30	
Bromoform	55.0		"	50.0		110	80-136		0.712	30	
Bromomethane	48.0		"	50.0		96.0	32-177		8.96	30	
Carbon disulfide	52.4		"	50.0		105	10-136		0.134	30	
Carbon tetrachloride	49.8		"	50.0		99.6	66-143		1.50	30	
Chlorobenzene	48.8		"	50.0		97.6	86-120		1.28	30	
Chloroethane	50.1		"	50.0		100	51-142		0.882	30	
Chloroform	48.4		"	50.0		96.9	76-131		0.207	30	
Chloromethane	51.3		"	50.0		103	49-132		0.665	30	
cis-1,2-Dichloroethylene	46.7		"	50.0		93.3	74-132		1.06	30	
cis-1,3-Dichloropropylene	48.8		"	50.0		97.7	81-129		1.34	30	
Cyclohexane	47.8		"	50.0		95.6	70-130		1.82	30	
Dibromochloromethane	54.6		"	50.0		109	10-200		0.985	30	
Dibromomethane	50.0		"	50.0		100	83-124		1.25	30	
Dichlorodifluoromethane	74.0		"	50.0		148	28-158		0.271	30	
Ethyl Benzene	49.0		"	50.0		97.9	84-125		1.05	30	
Hexachlorobutadiene	51.2		"	50.0		102	83-133		3.05	30	
Isopropylbenzene	48.8		"	50.0		97.6	81-127		1.99	30	
Methyl acetate	45.2		"	50.0		90.3	41-143		4.41	30	
Methyl tert-butyl ether (MTBE)	54.4		"	50.0		109	74-131		2.12	30	
Methylcyclohexane	47.6		"	50.0		95.2	70-130		0.126	30	
Methylene chloride	46.5		"	50.0		92.9	57-141		2.29	30	
n-Butylbenzene	49.2		"	50.0		98.5	80-130		3.22	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

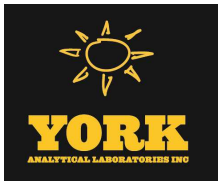
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
LCS Dup (BB80312-BSD1)								Prepared & Analyzed: 02/08/2018			
n-Propylbenzene	48.0		ug/L	50.0		96.0	74-136		1.85	30	
o-Xylene	49.5		"	50.0		98.9	83-123		0.934	30	
p- & m- Xylenes	95.5		"	100		95.5	82-128		0.0628	30	
p-Isopropyltoluene	50.4		"	50.0		101	85-125		2.37	30	
sec-Butylbenzene	51.5		"	50.0		103	83-125		2.55	30	
Styrene	48.3		"	50.0		96.6	86-126		0.207	30	
tert-Butyl alcohol (TBA)	270		"	250		108	70-130		0.00370	30	
tert-Butylbenzene	51.0		"	50.0		102	80-127		2.04	30	
Tetrachloroethylene	47.2		"	50.0		94.4	80-129		0.766	30	
Toluene	48.3		"	50.0		96.5	85-121		0.394	30	
trans-1,2-Dichloroethylene	47.0		"	50.0		94.0	72-132		4.55	30	
trans-1,3-Dichloropropylene	48.8		"	50.0		97.6	78-132		1.34	30	
Trichloroethylene	49.5		"	50.0		98.9	84-123		1.71	30	
Trichlorofluoromethane	49.2		"	50.0		98.5	62-140		0.387	30	
Vinyl Chloride	49.6		"	50.0		99.2	52-130		3.78	30	
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
Matrix Spike (BB80312-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/08/2018 Analyzed: 02/09/2018			
1,1,1,2-Tetrachloroethane	50.3		ug/L	50.0	0.00	101	15-161				
1,1,1-Trichloroethane	48.8		"	50.0	0.00	97.5	42-145				
1,1,2,2-Tetrachloroethane	53.4		"	50.0	0.00	107	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.0		"	50.0	0.00	95.9	11-160				
1,1,2-Trichloroethane	50.6		"	50.0	0.00	101	44-145				
1,1-Dichloroethane	48.5		"	50.0	0.00	97.0	46-142				
1,1-Dichloroethylene	46.1		"	50.0	0.00	92.1	30-153				
1,2,3-Trichlorobenzene	46.4		"	50.0	0.00	92.7	10-157				
1,2,3-Trichloropropane	52.5		"	50.0	0.00	105	38-155				
1,2,4-Trichlorobenzene	43.6		"	50.0	0.00	87.2	10-151				
1,2,4-Trimethylbenzene	47.8		"	50.0	0.00	95.5	10-170				
1,2-Dibromo-3-chloropropane	54.6		"	50.0	0.00	109	36-138				
1,2-Dibromoethane	51.5		"	50.0	0.00	103	40-142				
1,2-Dichlorobenzene	47.7		"	50.0	0.00	95.3	10-147				
1,2-Dichloroethane	46.8		"	50.0	0.00	93.6	48-133				
1,2-Dichloropropane	50.2		"	50.0	0.00	100	47-141				
1,3,5-Trimethylbenzene	48.5		"	50.0	0.00	96.9	10-150				
1,3-Dichlorobenzene	45.9		"	50.0	0.00	91.8	10-144				
1,4-Dichlorobenzene	45.1		"	50.0	0.00	90.2	10-160				
1,4-Dioxane	1240		"	1050	0.00	118	10-191				
2-Butanone	54.2		"	50.0	0.00	108	10-189				
2-Hexanone	51.1		"	50.0	0.00	102	10-181				
4-Methyl-2-pentanone	53.2		"	50.0	0.00	106	10-166				
Acetone	47.8		"	50.0	5.05	85.6	10-196				
Acrolein	25.4		"	50.0	0.00	50.9	10-192				
Acrylonitrile	47.6		"	50.0	0.00	95.1	13-161				
Benzene	47.7		"	50.0	0.00	95.4	43-139				
Bromochloromethane	48.7		"	50.0	0.00	97.4	38-145				
Bromodichloromethane	49.3		"	50.0	0.00	98.7	38-147				
Bromoform	53.9		"	50.0	0.00	108	29-156				
Bromomethane	43.7		"	50.0	0.00	87.4	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Matrix Spike (BB80312-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/08/2018 Analyzed: 02/09/2018			
Carbon disulfide	53.3		ug/L	50.0	0.00	107	10-131				
Carbon tetrachloride	49.9		"	50.0	0.00	99.9	35-145				
Chlorobenzene	47.9		"	50.0	0.00	95.8	21-154				
Chloroethane	51.8		"	50.0	0.00	104	15-160				
Chloroform	48.3		"	50.0	0.00	96.7	47-142				
Chloromethane	50.4		"	50.0	0.00	101	10-159				
cis-1,2-Dichloroethylene	47.5		"	50.0	0.00	95.0	42-144				
cis-1,3-Dichloropropylene	49.2		"	50.0	0.00	98.4	18-159				
Cyclohexane	48.8		"	50.0	0.00	97.5	70-130				
Dibromochloromethane	53.4		"	50.0	0.00	107	10-179				
Dibromomethane	50.2		"	50.0	0.00	100	47-143				
Dichlorodifluoromethane	74.8		"	50.0	0.00	150	10-145	High Bias			
Ethyl Benzene	48.8		"	50.0	0.00	97.5	11-158				
Hexachlorobutadiene	48.0		"	50.0	0.00	95.9	10-158				
Isopropylbenzene	48.6		"	50.0	0.00	97.2	10-162				
Methyl acetate	51.9		"	50.0	0.00	104	10-149				
Methyl tert-butyl ether (MTBE)	53.5		"	50.0	0.00	107	42-152				
Methylcyclohexane	48.6		"	50.0	0.00	97.2	70-130				
Methylene chloride	48.8		"	50.0	2.25	93.1	28-151				
n-Butylbenzene	47.3		"	50.0	0.00	94.6	10-162				
n-Propylbenzene	47.2		"	50.0	0.00	94.4	10-155				
o-Xylene	49.0		"	50.0	0.00	98.0	10-158				
p- & m- Xylenes	95.7		"	100	0.00	95.7	10-156				
p-Isopropyltoluene	48.3		"	50.0	0.00	96.7	10-147				
sec-Butylbenzene	51.0		"	50.0	0.00	102	10-157				
Styrene	47.3		"	50.0	0.00	94.5	13-171				
tert-Butyl alcohol (TBA)	270		"	250	0.00	108	34-179				
tert-Butylbenzene	50.4		"	50.0	0.00	101	10-160				
Tetrachloroethylene	46.7		"	50.0	0.00	93.4	30-167				
Toluene	48.4		"	50.0	0.00	96.8	21-160				
trans-1,2-Dichloroethylene	47.1		"	50.0	0.00	94.1	29-153				
trans-1,3-Dichloropropylene	48.4		"	50.0	0.00	96.7	18-155				
Trichloroethylene	49.4		"	50.0	0.00	98.7	24-169				
Trichlorofluoromethane	49.4		"	50.0	0.00	98.9	35-142				
Vinyl Chloride	49.2		"	50.0	0.00	98.5	12-160				
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

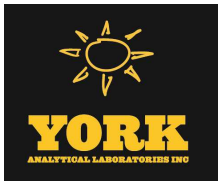
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Matrix Spike Dup (BB80312-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared: 02/08/2018 Analyzed: 02/09/2018		
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0	0.00	99.9	15-161		0.698	33	
1,1,1-Trichloroethane	47.7		"	50.0	0.00	95.5	42-145		2.13	30	
1,1,2,2-Tetrachloroethane	54.6		"	50.0	0.00	109	16-167		2.37	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.6		"	50.0	0.00	93.3	11-160		2.83	31	
1,1,2-Trichloroethane	48.3		"	50.0	0.00	96.6	44-145		4.65	40	
1,1-Dichloroethane	47.0		"	50.0	0.00	94.0	46-142		3.16	36	
1,1-Dichloroethylene	45.1		"	50.0	0.00	90.2	30-153		2.11	31	
1,2,3-Trichlorobenzene	45.3		"	50.0	0.00	90.6	10-157		2.33	47	
1,2,3-Trichloropropane	51.6		"	50.0	0.00	103	38-155		1.77	48	
1,2,4-Trichlorobenzene	43.8		"	50.0	0.00	87.7	10-151		0.526	52	
1,2,4-Trimethylbenzene	49.4		"	50.0	0.00	98.8	10-170		3.34	242	
1,2-Dibromo-3-chloropropane	56.7		"	50.0	0.00	113	36-138		3.85	54	
1,2-Dibromoethane	50.5		"	50.0	0.00	101	40-142		2.02	39	
1,2-Dichlorobenzene	48.4		"	50.0	0.00	96.7	10-147		1.44	52	
1,2-Dichloroethane	44.8		"	50.0	0.00	89.7	48-133		4.32	32	
1,2-Dichloropropane	48.8		"	50.0	0.00	97.6	47-141		2.89	37	
1,3,5-Trimethylbenzene	49.7		"	50.0	0.00	99.4	10-150		2.57	62	
1,3-Dichlorobenzene	46.5		"	50.0	0.00	92.9	10-144		1.23	51	
1,4-Dichlorobenzene	46.6		"	50.0	0.00	93.2	10-160		3.23	52	
1,4-Dioxane	1270		"	1050	0.00	121	10-191		2.36	196	
2-Butanone	54.4		"	50.0	0.00	109	10-189		0.497	67	
2-Hexanone	50.7		"	50.0	0.00	101	10-181		0.687	60	
4-Methyl-2-pentanone	51.7		"	50.0	0.00	103	10-166		2.84	47	
Acetone	44.9		"	50.0	5.35	79.1	10-196		6.30	150	
Acrolein	21.0		"	50.0	0.00	41.9	10-192		19.3	128	
Acrylonitrile	45.0		"	50.0	0.00	90.0	13-161		5.58	48	
Benzene	46.6		"	50.0	0.00	93.3	43-139		2.25	64	
Bromochloromethane	46.4		"	50.0	0.00	92.8	38-145		4.84	30	
Bromodichloromethane	47.7		"	50.0	0.00	95.5	38-147		3.30	37	
Bromoform	54.0		"	50.0	0.00	108	29-156		0.148	51	
Bromomethane	44.7		"	50.0	0.00	89.3	10-166		2.17	42	
Carbon disulfide	52.6		"	50.0	0.00	105	10-131		1.30	36	
Carbon tetrachloride	49.0		"	50.0	0.00	98.0	35-145		1.92	31	
Chlorobenzene	47.6		"	50.0	0.00	95.2	21-154		0.628	32	
Chloroethane	49.8		"	50.0	0.00	99.7	15-160		3.78	40	
Chloroform	46.8		"	50.0	0.00	93.7	47-142		3.15	29	
Chloromethane	50.9		"	50.0	0.00	102	10-159		1.07	31	
cis-1,2-Dichloroethylene	47.5		"	50.0	0.00	95.1	42-144		0.126	30	
cis-1,3-Dichloropropylene	47.8		"	50.0	0.00	95.5	18-159		2.99	39	
Cyclohexane	47.6		"	50.0	0.00	95.2	70-130		2.37	30	
Dibromochloromethane	51.7		"	50.0	0.00	103	10-179		3.10	41	
Dibromomethane	49.4		"	50.0	0.00	98.7	47-143		1.79	41	
Dichlorodifluoromethane	73.7		"	50.0	0.00	147	10-145	High Bias	1.54	34	
Ethyl Benzene	48.4		"	50.0	0.00	96.8	11-158		0.782	42	
Hexachlorobutadiene	48.8		"	50.0	0.00	97.6	10-158		1.70	45	
Isopropylbenzene	50.0		"	50.0	0.00	100	10-162		2.90	57	
Methyl acetate	53.5		"	50.0	0.00	107	10-149		3.11	64	
Methyl tert-butyl ether (MTBE)	51.1		"	50.0	0.00	102	42-152		4.63	47	
Methylcyclohexane	48.5		"	50.0	0.00	97.1	70-130		0.103	30	
Methylene chloride	46.3		"	50.0	2.39	87.8	28-151		5.22	49	
n-Butylbenzene	48.7		"	50.0	0.00	97.5	10-162		3.02	96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Matrix Spike Dup (BB80312-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared: 02/08/2018 Analyzed: 02/09/2018		
n-Propylbenzene	48.5		ug/L	50.0	0.00	96.9	10-155		2.66	56	
o-Xylene	48.0		"	50.0	0.00	96.0	10-158		2.06	51	
p- & m- Xylenes	94.9		"	100	0.00	94.9	10-156		0.902	47	
p-Isopropyltoluene	50.0		"	50.0	0.00	100	10-147		3.34	60	
sec-Butylbenzene	51.9		"	50.0	0.00	104	10-157		1.69	56	
Styrene	46.8		"	50.0	0.00	93.6	13-171		0.978	39	
tert-Butyl alcohol (TBA)	268		"	250	0.00	107	34-179		0.900	35	
tert-Butylbenzene	51.6		"	50.0	0.00	103	10-160		2.30	79	
Tetrachloroethylene	46.6		"	50.0	0.00	93.1	30-167		0.279	33	
Toluene	48.3		"	50.0	0.00	96.5	21-160		0.310	50	
trans-1,2-Dichloroethylene	45.9		"	50.0	0.00	91.9	29-153		2.43	30	
trans-1,3-Dichloropropylene	47.0		"	50.0	0.00	94.0	18-155		2.83	30	
Trichloroethylene	48.8		"	50.0	0.00	97.6	24-169		1.16	30	
Trichlorofluoromethane	48.5		"	50.0	0.00	97.0	35-142		1.90	30	
Vinyl Chloride	47.0		"	50.0	0.00	94.0	12-160		4.63	35	
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)									Prepared & Analyzed: 02/08/2018		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

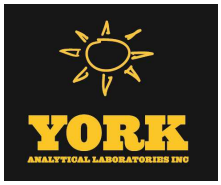
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)											Prepared & Analyzed: 02/08/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.55*		"	*2.52*		*101*	*20-108*				
Surrogate: Phenol-d5	*2.60*		"	*2.55*		*102*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.24*		"	*1.69*		*133*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.75*		"	*1.83*		*95.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.28*		"	*2.53*		*129*	*19-110*				
Surrogate: Terphenyl-d14	*1.61*		"	*1.77*		*91.2*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)								Prepared & Analyzed: 02/08/2018			
1,1-Biphenyl	0.832	0.0417	mg/kg wet	0.833		99.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.926	0.0833	"	0.833		111	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.859	0.0417	"	0.833		103	17-137				
2,3,4,6-Tetrachlorophenol	0.813	0.0833	"	0.833		97.6	30-130				
2,4,5-Trichlorophenol	0.894	0.0417	"	0.833		107	27-118				
2,4,6-Trichlorophenol	0.929	0.0417	"	0.833		112	31-120				
2,4-Dichlorophenol	0.937	0.0417	"	0.833		112	20-127				
2,4-Dimethylphenol	0.873	0.0417	"	0.833		105	14-132				
2,4-Dinitrophenol	0.944	0.0833	"	0.833		113	10-171				
2,4-Dinitrotoluene	0.924	0.0417	"	0.833		111	34-131				
2,6-Dinitrotoluene	0.912	0.0417	"	0.833		109	31-128				
2-Chloronaphthalene	0.663	0.0417	"	0.833		79.6	31-117				
2-Chlorophenol	0.791	0.0417	"	0.833		94.9	33-113				
2-Methylnaphthalene	0.907	0.0417	"	0.833		109	12-138				
2-Methylphenol	0.866	0.0417	"	0.833		104	10-136				
2-Nitroaniline	0.887	0.0833	"	0.833		106	27-132				
2-Nitrophenol	0.929	0.0417	"	0.833		111	17-129				
3- & 4-Methylphenols	0.787	0.0417	"	0.833		94.4	29-103				
3,3-Dichlorobenzidine	0.801	0.0417	"	0.833		96.1	22-149				
3-Nitroaniline	0.639	0.0833	"	0.833		76.7	20-133				
4,6-Dinitro-2-methylphenol	1.11	0.0833	"	0.833		133	10-143				
4-Bromophenyl phenyl ether	0.929	0.0417	"	0.833		111	29-120				
4-Chloro-3-methylphenol	1.08	0.0417	"	0.833		130	24-129	High Bias			
4-Chloroaniline	0.528	0.0417	"	0.833		63.4	10-132				
4-Chlorophenyl phenyl ether	0.842	0.0417	"	0.833		101	27-124				
4-Nitroaniline	0.788	0.0833	"	0.833		94.5	16-128				
4-Nitrophenol	1.13	0.0833	"	0.833		136	10-141				
Acenaphthene	0.810	0.0417	"	0.833		97.2	30-121				
Acenaphthylene	0.751	0.0417	"	0.833		90.1	30-115				
Acetophenone	0.937	0.0417	"	0.833		112	20-112				
Aniline	0.689	0.167	"	0.833		82.6	10-119				
Anthracene	0.899	0.0417	"	0.833		108	34-118				
Atrazine	1.07	0.0417	"	0.833		128	26-112	High Bias			
Benzaldehyde	0.917	0.0417	"	0.833		110	21-100	High Bias			
Benzo(a)anthracene	0.980	0.0417	"	0.833		118	32-122				
Benzo(a)pyrene	0.979	0.0417	"	0.833		117	29-133				
Benzo(b)fluoranthene	0.904	0.0417	"	0.833		109	25-133				
Benzo(g,h,i)perylene	0.933	0.0417	"	0.833		112	10-143				
Benzo(k)fluoranthene	0.899	0.0417	"	0.833		108	25-128				
Benzoic acid	1.20	0.0417	"	0.967		124	10-140				
Benzyl alcohol	0.847	0.0417	"	0.833		102	30-115				
Benzyl butyl phthalate	1.09	0.0417	"	0.833		131	26-126	High Bias			
Bis(2-chloroethoxy)methane	0.937	0.0417	"	0.833		112	19-132				
Bis(2-chloroethyl)ether	0.842	0.0417	"	0.833		101	19-125				
Bis(2-chloroisopropyl)ether	0.831	0.0417	"	0.833		99.7	20-135				
Bis(2-ethylhexyl)phthalate	1.11	0.0417	"	0.833		133	10-155				
Caprolactam	1.14	0.0833	"	0.833		137	10-127	High Bias			
Carbazole	0.765	0.0417	"	0.833		91.8	35-123				
Chrysene	0.860	0.0417	"	0.833		103	32-123				
Dibenzo(a,h)anthracene	0.973	0.0417	"	0.833		117	10-136				
Dibenzofuran	0.818	0.0417	"	0.833		98.1	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)								Prepared & Analyzed: 02/08/2018			
Diethyl phthalate	0.826	0.0417	mg/kg wet	0.833		99.2	34-116				
Dimethyl phthalate	0.822	0.0417	"	0.833		98.7	35-124				
Di-n-butyl phthalate	0.890	0.0417	"	0.833		107	31-116				
Di-n-octyl phthalate	1.07	0.0417	"	0.833		128	26-136				
Diphenylamine	1.08	0.0833	"	0.833		130	40-140				
Fluoranthene	0.919	0.0417	"	0.833		110	33-122				
Fluorene	0.807	0.0417	"	0.833		96.9	29-123				
Hexachlorobenzene	0.775	0.0417	"	0.833		93.0	21-124				
Hexachlorobutadiene	0.730	0.0417	"	0.833		87.6	10-149				
Hexachlorocyclopentadiene	0.366	0.0417	"	0.833		43.9	10-129				
Hexachloroethane	0.676	0.0417	"	0.833		81.1	28-108				
Indeno(1,2,3-cd)pyrene	0.948	0.0417	"	0.833		114	10-135				
Isophorone	0.805	0.0417	"	0.833		96.6	20-132				
Naphthalene	0.826	0.0417	"	0.833		99.1	23-124				
Nitrobenzene	0.780	0.0417	"	0.833		93.6	13-132				
N-Nitrosodimethylamine	0.745	0.0417	"	0.833		89.4	11-129				
N-nitroso-di-n-propylamine	0.927	0.0417	"	0.833		111	24-119				
N-Nitrosodiphenylamine	1.13	0.0417	"	0.833		135	22-152				
Pentachlorophenol	0.717	0.0417	"	0.833		86.1	10-139				
Phenanthrene	0.922	0.0417	"	0.833		111	33-123				
Phenol	0.791	0.0417	"	0.833		94.9	23-115				
Pyrene	0.969	0.0417	"	0.833		116	32-130				
Pyridine	0.529	0.167	"	0.833		63.4	10-91				
Surrogate: 2-Fluorophenol	*2.33*		"	*2.52*		*92.7*	*20-108*				
Surrogate: Phenol-d5	*2.46*		"	*2.55*		*96.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.89*		"	*1.69*		*112*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.44*		"	*1.83*		*79.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.92*		"	*2.53*		*115*	*19-110*				
Surrogate: Terphenyl-d14	*1.42*		"	*1.77*		*80.3*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

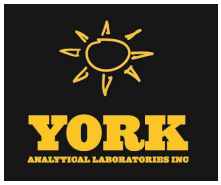
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike (BB80299-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
1,1-Biphenyl	0.757	0.0914	mg/kg dry	0.913	ND	82.9	10-130				
1,2,4,5-Tetrachlorobenzene	0.850	0.183	"	0.913	ND	93.0	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.741	0.0914	"	0.913	ND	81.1	10-144				
2,3,4,6-Tetrachlorophenol	0.703	0.183	"	0.913	ND	77.0	30-130				
2,4,5-Trichlorophenol	0.812	0.0914	"	0.913	ND	89.0	10-127				
2,4,6-Trichlorophenol	0.893	0.0914	"	0.913	ND	97.8	10-132				
2,4-Dichlorophenol	0.846	0.0914	"	0.913	ND	92.6	10-128				
2,4-Dimethylphenol	0.815	0.0914	"	0.913	ND	89.2	10-137				
2,4-Dinitrophenol	0.805	0.183	"	0.913	ND	88.2	10-171				
2,4-Dinitrotoluene	0.792	0.0914	"	0.913	ND	86.7	16-135				
2,6-Dinitrotoluene	0.752	0.0914	"	0.913	ND	82.4	18-131				
2-Chloronaphthalene	0.639	0.0914	"	0.913	ND	70.0	10-129				
2-Chlorophenol	0.798	0.0914	"	0.913	ND	87.4	15-116				
2-Methylnaphthalene	0.838	0.0914	"	0.913	ND	91.8	10-147				
2-Methylphenol	0.814	0.0914	"	0.913	ND	89.1	10-136				
2-Nitroaniline	0.809	0.183	"	0.913	ND	88.6	10-137				
2-Nitrophenol	0.820	0.0914	"	0.913	ND	89.8	10-129				
3- & 4-Methylphenols	0.777	0.0914	"	0.913	ND	85.1	10-123				
3,3-Dichlorobenzidine	0.580	0.0914	"	0.913	ND	63.5	10-155				
3-Nitroaniline	0.620	0.183	"	0.913	ND	67.9	12-133				
4,6-Dinitro-2-methylphenol	0.878	0.183	"	0.913	ND	96.2	10-155				
4-Bromophenyl phenyl ether	0.877	0.0914	"	0.913	ND	96.1	14-128				
4-Chloro-3-methylphenol	0.977	0.0914	"	0.913	ND	107	10-134				
4-Chloroaniline	0.565	0.0914	"	0.913	ND	61.8	10-145				
4-Chlorophenyl phenyl ether	0.825	0.0914	"	0.913	ND	90.3	14-130				
4-Nitroaniline	0.671	0.183	"	0.913	ND	73.4	10-147				
4-Nitrophenol	1.00	0.183	"	0.913	ND	110	10-137				
Acenaphthene	0.761	0.0914	"	0.913	ND	83.3	10-146				
Acenaphthylene	0.688	0.0914	"	0.913	ND	75.4	10-134				
Acetophenone	0.868	0.0914	"	0.913	ND	95.0	10-116				
Aniline	0.628	0.366	"	0.913	ND	68.7	10-123				
Anthracene	0.795	0.0914	"	0.913	ND	87.0	10-142				
Atrazine	0.857	0.0914	"	0.913	ND	93.8	19-115				
Benzaldehyde	0.937	0.0914	"	0.913	ND	103	10-125				
Benzo(a)anthracene	0.868	0.0914	"	0.913	ND	95.0	10-158				
Benzo(a)pyrene	0.869	0.0914	"	0.913	ND	95.1	10-180				
Benzo(b)fluoranthene	0.849	0.0914	"	0.913	ND	93.0	10-200				
Benzo(g,h,i)perylene	0.831	0.0914	"	0.913	ND	91.0	10-138				
Benzo(k)fluoranthene	0.774	0.0914	"	0.913	ND	84.7	10-197				
Benzoic acid	1.03	0.0914	"	1.06	ND	97.3	10-166				
Benzyl alcohol	0.864	0.0914	"	0.913	ND	94.6	12-124				
Benzyl butyl phthalate	0.899	0.0914	"	0.913	ND	98.5	10-154				
Bis(2-chloroethoxy)methane	0.896	0.0914	"	0.913	ND	98.1	10-132				
Bis(2-chloroethyl)ether	0.797	0.0914	"	0.913	ND	87.3	10-119				
Bis(2-chloroisopropyl)ether	0.757	0.0914	"	0.913	ND	82.9	10-139				
Bis(2-ethylhexyl)phthalate	0.947	0.0914	"	0.913	ND	104	10-167				
Caprolactam	0.931	0.183	"	0.913	ND	102	10-132				
Carbazole	0.638	0.0914	"	0.913	ND	69.9	10-167				
Chrysene	0.735	0.0914	"	0.913	ND	80.5	10-156				
Dibenzo(a,h)anthracene	0.845	0.0914	"	0.913	ND	92.6	10-137				
Dibenzofuran	0.744	0.0914	"	0.913	ND	81.5	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike (BB80299-MS1)	*Source sample: 18B0184-04 (SB114_15-16)						Prepared & Analyzed: 02/08/2018				
Diethyl phthalate	0.759	0.0914	mg/kg dry	0.913	ND	83.1	20-120				
Dimethyl phthalate	0.755	0.0914	"	0.913	ND	82.7	18-131				
Di-n-butyl phthalate	0.758	0.0914	"	0.913	ND	83.0	10-137				
Di-n-octyl phthalate	0.943	0.0914	"	0.913	ND	103	10-180				
Diphenylamine	0.989	0.183	"	0.913	ND	108	40-140				
Fluoranthene	0.837	0.0914	"	0.913	ND	91.7	10-160				
Fluorene	0.766	0.0914	"	0.913	ND	83.9	10-157				
Hexachlorobenzene	0.674	0.0914	"	0.913	ND	73.8	10-137				
Hexachlorobutadiene	0.631	0.0914	"	0.913	ND	69.1	10-132				
Hexachlorocyclopentadiene	0.233	0.0914	"	0.913	ND	25.5	10-106				
Hexachloroethane	0.658	0.0914	"	0.913	ND	72.1	10-110				
Indeno(1,2,3-cd)pyrene	0.806	0.0914	"	0.913	ND	88.2	10-144				
Isophorone	0.750	0.0914	"	0.913	ND	82.1	10-132				
Naphthalene	0.765	0.0914	"	0.913	ND	83.8	10-141				
Nitrobenzene	0.759	0.0914	"	0.913	ND	83.1	10-131				
N-Nitrosodimethylamine	0.712	0.0914	"	0.913	ND	77.9	10-126				
N-nitroso-di-n-propylamine	0.883	0.0914	"	0.913	ND	96.7	10-125				
N-Nitrosodiphenylamine	0.971	0.0914	"	0.913	ND	106	10-177				
Pentachlorophenol	0.568	0.0914	"	0.913	ND	62.2	10-153				
Phenanthrene	0.817	0.0914	"	0.913	ND	89.4	10-148				
Phenol	0.753	0.0914	"	0.913	ND	82.5	10-126				
Pyrene	0.850	0.0914	"	0.913	ND	93.0	10-165				
Pyridine	0.465	0.366	"	0.913	ND	51.0	10-83				
Surrogate: 2-Fluorophenol	*2.23*		"	*2.76*		*80.9*	*20-108*				
Surrogate: Phenol-d5	*2.33*		"	*2.79*		*83.3*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.79*		"	*1.85*		*96.8*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.38*		"	*2.00*		*68.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.62*		"	*2.78*		*94.2*	*19-110*				
Surrogate: Terphenyl-d14	*1.25*		"	*1.94*		*64.5*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike Dup (BB80299-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared & Analyzed: 02/08/2018		
1,1-Biphenyl	0.736	0.0914	mg/kg dry	0.913	ND	80.6	10-130		2.84	30	
1,2,4,5-Tetrachlorobenzene	0.858	0.183	"	0.913	ND	94.0	10-133		1.03	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.733	0.0914	"	0.913	ND	80.3	10-144		0.991	30	
2,3,4,6-Tetrachlorophenol	0.638	0.183	"	0.913	ND	69.9	30-130		9.59	30	
2,4,5-Trichlorophenol	0.807	0.0914	"	0.913	ND	88.3	10-127		0.722	30	
2,4,6-Trichlorophenol	0.817	0.0914	"	0.913	ND	89.5	10-132		8.80	30	
2,4-Dichlorophenol	0.883	0.0914	"	0.913	ND	96.6	10-128		4.23	30	
2,4-Dimethylphenol	0.782	0.0914	"	0.913	ND	85.6	10-137		4.12	30	
2,4-Dinitrophenol	0.666	0.183	"	0.913	ND	73.0	10-171		18.9	30	
2,4-Dinitrotoluene	0.717	0.0914	"	0.913	ND	78.5	16-135		9.98	30	
2,6-Dinitrotoluene	0.792	0.0914	"	0.913	ND	86.7	18-131		5.11	30	
2-Chloronaphthalene	0.633	0.0914	"	0.913	ND	69.4	10-129		0.918	30	
2-Chlorophenol	0.790	0.0914	"	0.913	ND	86.6	15-116		1.01	30	
2-Methylnaphthalene	0.837	0.0914	"	0.913	ND	91.7	10-147		0.0872	30	
2-Methylphenol	0.752	0.0914	"	0.913	ND	82.4	10-136		7.84	30	
2-Nitroaniline	0.803	0.183	"	0.913	ND	87.9	10-137		0.816	30	
2-Nitrophenol	0.928	0.0914	"	0.913	ND	102	10-129		12.3	30	
3- & 4-Methylphenols	0.736	0.0914	"	0.913	ND	80.6	10-123		5.41	30	
3,3-Dichlorobenzidine	0.589	0.0914	"	0.913	ND	64.5	10-155		1.50	30	
3-Nitroaniline	0.676	0.183	"	0.913	ND	74.0	12-133		8.57	30	
4,6-Dinitro-2-methylphenol	0.894	0.183	"	0.913	ND	97.9	10-155		1.81	30	
4-Bromophenyl phenyl ether	0.785	0.0914	"	0.913	ND	85.9	14-128		11.2	30	
4-Chloro-3-methylphenol	1.02	0.0914	"	0.913	ND	112	10-134		4.17	30	
4-Chloroaniline	0.537	0.0914	"	0.913	ND	58.8	10-145		5.04	30	
4-Chlorophenyl phenyl ether	0.763	0.0914	"	0.913	ND	83.5	14-130		7.82	30	
4-Nitroaniline	0.708	0.183	"	0.913	ND	77.5	10-147		5.41	30	
4-Nitrophenol	0.894	0.183	"	0.913	ND	97.9	10-137		11.5	30	
Acenaphthene	0.750	0.0914	"	0.913	ND	82.2	10-146		1.35	30	
Acenaphthylene	0.678	0.0914	"	0.913	ND	74.2	10-134		1.50	30	
Acetophenone	0.802	0.0914	"	0.913	ND	87.8	10-116		7.87	30	
Aniline	0.609	0.366	"	0.913	ND	66.6	10-123		3.07	30	
Anthracene	0.742	0.0914	"	0.913	ND	81.3	10-142		6.84	30	
Atrazine	0.834	0.0914	"	0.913	ND	91.4	19-115		2.68	30	
Benzaldehyde	0.739	0.0914	"	0.913	ND	80.9	10-125		23.7	30	
Benzo(a)anthracene	0.845	0.0914	"	0.913	ND	92.6	10-158		2.64	30	
Benzo(a)pyrene	0.853	0.0914	"	0.913	ND	93.4	10-180		1.87	30	
Benzo(b)fluoranthene	0.763	0.0914	"	0.913	ND	83.5	10-200		10.7	30	
Benzo(g,h,i)perylene	0.793	0.0914	"	0.913	ND	86.9	10-138		4.59	30	
Benzo(k)fluoranthene	0.759	0.0914	"	0.913	ND	83.1	10-197		1.91	30	
Benzoic acid	0.935	0.0914	"	1.06	ND	88.3	10-166		9.74	30	
Benzyl alcohol	0.712	0.0914	"	0.913	ND	78.0	12-124		19.3	30	
Benzyl butyl phthalate	0.873	0.0914	"	0.913	ND	95.6	10-154		2.97	30	
Bis(2-chloroethoxy)methane	0.886	0.0914	"	0.913	ND	97.0	10-132		1.07	30	
Bis(2-chloroethyl)ether	0.771	0.0914	"	0.913	ND	84.5	10-119		3.26	30	
Bis(2-chloroisopropyl)ether	0.685	0.0914	"	0.913	ND	75.0	10-139		10.0	30	
Bis(2-ethylhexyl)phthalate	0.887	0.0914	"	0.913	ND	97.1	10-167		6.53	30	
Caprolactam	0.995	0.183	"	0.913	ND	109	10-132		6.68	30	
Carbazole	0.649	0.0914	"	0.913	ND	71.0	10-167		1.59	30	
Chrysene	0.740	0.0914	"	0.913	ND	81.0	10-156		0.693	30	
Dibenzo(a,h)anthracene	0.797	0.0914	"	0.913	ND	87.3	10-137		5.87	30	
Dibenzofuran	0.717	0.0914	"	0.913	ND	78.5	10-147		3.80	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike Dup (BB80299-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared & Analyzed: 02/08/2018		
Diethyl phthalate	0.716	0.0914	mg/kg dry	0.913	ND	78.4	20-120		5.84	30	
Dimethyl phthalate	0.735	0.0914	"	0.913	ND	80.5	18-131		2.75	30	
Di-n-butyl phthalate	0.754	0.0914	"	0.913	ND	82.6	10-137		0.580	30	
Di-n-octyl phthalate	0.920	0.0914	"	0.913	ND	101	10-180		2.43	30	
Diphenylamine	0.912	0.183	"	0.913	ND	99.8	40-140		8.15	30	
Fluoranthene	0.793	0.0914	"	0.913	ND	86.9	10-160		5.38	30	
Fluorene	0.734	0.0914	"	0.913	ND	80.4	10-157		4.28	30	
Hexachlorobenzene	0.659	0.0914	"	0.913	ND	72.2	10-137		2.19	30	
Hexachlorobutadiene	0.657	0.0914	"	0.913	ND	71.9	10-132		3.97	30	
Hexachlorocyclopentadiene	0.229	0.0914	"	0.913	ND	25.1	10-106		1.58	30	
Hexachloroethane	0.602	0.0914	"	0.913	ND	65.9	10-110		8.93	30	
Indeno(1,2,3-cd)pyrene	0.796	0.0914	"	0.913	ND	87.1	10-144		1.28	30	
Isophorone	0.752	0.0914	"	0.913	ND	82.4	10-132		0.389	30	
Naphthalene	0.757	0.0914	"	0.913	ND	82.9	10-141		1.06	30	
Nitrobenzene	0.708	0.0914	"	0.913	ND	77.5	10-131		6.97	30	
N-Nitrosodimethylamine	0.678	0.0914	"	0.913	ND	74.2	10-126		4.84	30	
N-nitroso-di-n-propylamine	0.770	0.0914	"	0.913	ND	84.3	10-125		13.7	30	
N-Nitrosodiphenylamine	0.967	0.0914	"	0.913	ND	106	10-177		0.377	30	
Pentachlorophenol	0.500	0.0914	"	0.913	ND	54.8	10-153		12.6	30	
Phenanthrene	0.776	0.0914	"	0.913	ND	85.0	10-148		5.14	30	
Phenol	0.701	0.0914	"	0.913	ND	76.7	10-126		7.24	30	
Pyrene	0.812	0.0914	"	0.913	ND	89.0	10-165		4.48	30	
Pyridine	0.399	0.366	"	0.913	ND	43.7	10-83		15.4	30	
Surrogate: 2-Fluorophenol	*2.10*		"	*2.76*		*76.3*	*20-108*				
Surrogate: Phenol-d5	*2.28*		"	*2.79*		*81.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.79*		"	*1.85*		*96.9*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.39*		"	*2.00*		*69.6*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.54*		"	*2.78*		*91.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.24*		"	*1.94*		*64.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)											Prepared & Analyzed: 02/08/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80277 - EPA 3550C											
Blank (BB80277-BLK1)											Prepared: 02/07/2018 Analyzed: 02/08/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0716*		*"*	*0.0697*		*103*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0572*		*"*	*0.0673*		*84.9*	*30-150*				
LCS (BB80277-BS1)											Prepared: 02/07/2018 Analyzed: 02/08/2018
4,4'-DDD	0.0356	0.000330	mg/kg wet	0.0333		107	40-140				
4,4'-DDE	0.0299	0.000330	"	0.0333		89.8	40-140				
4,4'-DDT	0.0354	0.000330	"	0.0333		106	40-140				
Aldrin	0.0367	0.000330	"	0.0333		110	40-140				
alpha-BHC	0.0379	0.000330	"	0.0333		114	40-140				
alpha-Chlordane	0.0343	0.000330	"	0.0333		103	40-140				
beta-BHC	0.0372	0.000330	"	0.0333		112	40-140				
delta-BHC	0.0396	0.000330	"	0.0333		119	40-140				
Dieldrin	0.0374	0.000330	"	0.0333		112	40-140				
Endosulfan I	0.0417	0.000330	"	0.0333		125	40-140				
Endosulfan II	0.0385	0.000330	"	0.0333		115	40-140				
Endosulfan sulfate	0.0398	0.000330	"	0.0333		120	40-140				
Endrin	0.0355	0.000330	"	0.0333		106	40-140				
Endrin aldehyde	0.0361	0.000330	"	0.0333		108	40-140				
Endrin ketone	0.0406	0.000330	"	0.0333		122	40-140				
gamma-BHC (Lindane)	0.0361	0.000330	"	0.0333		108	40-140				
gamma-Chlordane	0.0346	0.000330	"	0.0333		104	40-140				
Heptachlor	0.0334	0.000330	"	0.0333		100	40-140				
Heptachlor epoxide	0.0340	0.000330	"	0.0333		102	40-140				
Methoxychlor	0.0299	0.00165	"	0.0333		89.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0695*		*"*	*0.0697*		*99.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0627*		*"*	*0.0673*		*93.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80277 - EPA 3550C											
Matrix Spike (BB80277-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/07/2018 Analyzed: 02/08/2018			
4,4'-DDD	0.0258	0.00181	mg/kg dry	0.0365	ND	70.7	30-150				
4,4'-DDE	0.0237	0.00181	"	0.0365	ND	64.9	30-150				
4,4'-DDT	0.0250	0.00181	"	0.0365	ND	68.4	30-150				
Aldrin	0.0338	0.00181	"	0.0365	ND	92.5	30-150				
alpha-BHC	0.0374	0.00181	"	0.0365	ND	102	30-150				
alpha-Chlordane	0.0355	0.00181	"	0.0365	ND	97.1	30-150				
beta-BHC	0.0389	0.00181	"	0.0365	ND	107	30-150				
delta-BHC	0.0335	0.00181	"	0.0365	ND	91.8	30-150				
Dieldrin	0.0354	0.00181	"	0.0365	ND	96.9	30-150				
Endosulfan I	0.0415	0.00181	"	0.0365	ND	114	30-150				
Endosulfan II	0.0374	0.00181	"	0.0365	ND	102	30-150				
Endosulfan sulfate	0.0362	0.00181	"	0.0365	ND	99.2	30-150				
Endrin	0.0344	0.00181	"	0.0365	ND	94.1	30-150				
Endrin aldehyde	0.0331	0.00181	"	0.0365	ND	90.7	30-150				
Endrin ketone	0.0392	0.00181	"	0.0365	ND	107	30-150				
gamma-BHC (Lindane)	0.0371	0.00181	"	0.0365	ND	102	30-150				
gamma-Chlordane	0.0343	0.00181	"	0.0365	ND	94.0	30-150				
Heptachlor	0.0342	0.00181	"	0.0365	ND	93.5	30-150				
Heptachlor epoxide	0.0365	0.00181	"	0.0365	ND	99.9	30-150				
Methoxychlor	0.0241	0.00904	"	0.0365	ND	66.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0819*		*"*	*0.0763*		*107*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0729*		*"*	*0.0738*		*98.7*	*30-150*				
Matrix Spike Dup (BB80277-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/07/2018 Analyzed: 02/08/2018			
4,4'-DDD	0.0357	0.00181	mg/kg dry	0.0365	ND	97.7	30-150		32.0	30	Non-dir.
4,4'-DDE	0.0322	0.00181	"	0.0365	ND	88.2	30-150		30.4	30	Non-dir.
4,4'-DDT	0.0349	0.00181	"	0.0365	ND	95.5	30-150		33.1	30	Non-dir.
Aldrin	0.0408	0.00181	"	0.0365	ND	112	30-150		18.7	30	
alpha-BHC	0.0479	0.00181	"	0.0365	ND	131	30-150		24.7	30	
alpha-Chlordane	0.0438	0.00181	"	0.0365	ND	120	30-150		20.9	30	
beta-BHC	0.0508	0.00181	"	0.0365	ND	139	30-150		26.4	30	
delta-BHC	0.0468	0.00181	"	0.0365	ND	128	30-150		33.0	30	Non-dir.
Dieldrin	0.0458	0.00181	"	0.0365	ND	125	30-150		25.5	30	
Endosulfan I	0.0526	0.00181	"	0.0365	ND	144	30-150		23.7	30	
Endosulfan II	0.0499	0.00181	"	0.0365	ND	137	30-150		28.6	30	
Endosulfan sulfate	0.0507	0.00181	"	0.0365	ND	139	30-150		33.2	30	Non-dir.
Endrin	0.0462	0.00181	"	0.0365	ND	126	30-150		29.4	30	
Endrin aldehyde	0.0472	0.00181	"	0.0365	ND	129	30-150		35.1	30	Non-dir.
Endrin ketone	0.0537	0.00181	"	0.0365	ND	147	30-150		31.2	30	Non-dir.
gamma-BHC (Lindane)	0.0479	0.00181	"	0.0365	ND	131	30-150		25.3	30	
gamma-Chlordane	0.0425	0.00181	"	0.0365	ND	116	30-150		21.4	30	
Heptachlor	0.0417	0.00181	"	0.0365	ND	114	30-150		20.0	30	
Heptachlor epoxide	0.0458	0.00181	"	0.0365	ND	125	30-150		22.6	30	
Methoxychlor	0.0338	0.00904	"	0.0365	ND	92.5	30-150		33.3	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0940*		*"*	*0.0763*		*123*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0825*		*"*	*0.0738*		*112*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B0908 - BL70213											
Performance Mix (Y8B0908-PEM1)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.707		"	0.00			0-200				
4,4'-DDT	160		"	200		79.8	0-200				
Endrin	133		"	100		133	0-200				
Endrin aldehyde	1.31		"	0.00			0-200				
Endrin ketone	9.71		"	0.00			0-200				
Performance Mix (Y8B0908-PEM2)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.786		"	0.00			0-200				
4,4'-DDT	224		"	200		112	0-200				
Endrin	164		"	100		164	0-200				
Endrin aldehyde	1.81		"	0.00			0-200				
Endrin ketone	10.8		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80277 - EPA 3550C											
Blank (BB80277-BLK2)								Prepared: 02/07/2018 Analyzed: 02/08/2018			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0697*		*"*	*0.0673*		*103*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0613*		*"*	*0.0697*		*88.0*	*30-140*				
LCS (BB80277-BS2)								Prepared: 02/07/2018 Analyzed: 02/08/2018			
Aroclor 1016	0.305	0.0167	mg/kg wet	0.333		91.5	40-130				
Aroclor 1260	0.317	0.0167	"	0.333		95.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0510*		*"*	*0.0673*		*75.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0697*		*70.8*	*30-140*				
Matrix Spike (BB80277-MS2)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/07/2018 Analyzed: 02/08/2018			
Aroclor 1016	0.372	0.0183	mg/kg dry	0.365	ND	102	40-140				
Aroclor 1260	0.358	0.0183	"	0.365	ND	98.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0636*		*"*	*0.0738*		*86.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0533*		*"*	*0.0763*		*69.9*	*30-140*				
Matrix Spike Dup (BB80277-MSD2)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/07/2018 Analyzed: 02/08/2018			
Aroclor 1016	0.384	0.0183	mg/kg dry	0.365	ND	105	40-140		3.05	50	
Aroclor 1260	0.381	0.0183	"	0.365	ND	104	40-140		6.20	50	
Surrogate: Tetrachloro-m-xylene	*0.0650*		*"*	*0.0738*		*88.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0588*		*"*	*0.0763*		*77.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80354 - EPA 3550B/8151A											
Blank (BB80354-BLK1)								Prepared & Analyzed: 02/09/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.547*		*"*	*0.500*		*109*	*30-150*				
LCS (BB80354-BS1)								Prepared & Analyzed: 02/09/2018			
2,4,5-T	0.157	0.0200	mg/kg wet	0.160		98.1	40-140				
2,4,5-TP (Silvex)	0.160	0.0200	"	0.160		100	40-140				
2,4-D	0.149	0.0200	"	0.160		93.1	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.570*		*"*	*0.500*		*114*	*30-150*				
Matrix Spike (BB80354-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/09/2018			
2,4,5-T	0.138	0.0218	mg/kg dry	0.175	ND	78.8	30-150				
2,4,5-TP (Silvex)	0.140	0.0218	"	0.175	ND	80.0	30-150				
2,4-D	0.117	0.0218	"	0.175	ND	66.9	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.544*		*"*	*0.546*		*99.6*	*30-150*				
Matrix Spike Dup (BB80354-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/09/2018			
2,4,5-T	0.153	0.0217	mg/kg dry	0.174	ND	88.1	30-150		10.8	35	
2,4,5-TP (Silvex)	0.155	0.0217	"	0.174	ND	89.4	30-150		10.7	35	
2,4-D	0.141	0.0217	"	0.174	ND	81.2	30-150		19.0	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.608*		*"*	*0.544*		*112*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80259 - EPA 3050B											
Blank (BB80259-BLK1)									Prepared & Analyzed: 02/07/2018		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	18.6	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Duplicate (BB80259-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared & Analyzed: 02/07/2018		
Aluminum	10600	5.48	mg/kg dry		13700				25.1	35	
Antimony	ND	0.548	"		ND					35	
Arsenic	2.51	1.10	"		2.82				11.4	35	
Barium	66.6	1.10	"		64.6				3.03	35	
Beryllium	ND	0.110	"		ND					35	
Cadmium	ND	0.329	"		ND					35	
Calcium	1310	5.48	"		1270				3.02	35	
Chromium	21.4	0.548	"		32.8				42.3	35	Non-dir.
Cobalt	11.0	0.548	"		12.7				14.5	35	
Copper	44.4	0.548	"		58.9				28.1	35	
Iron	15200	2.19	"		18700				20.6	35	
Lead	29.8	0.548	"		44.3				39.1	35	Non-dir.
Magnesium	4440	5.48	"		7840				55.4	35	Non-dir.
Manganese	480	0.548	"		504				4.85	35	
Nickel	63.2	0.548	"		59.1				6.73	35	
Potassium	1070	5.48	"		3190				99.6	35	Non-dir.
Selenium	ND	1.10	"		ND					35	
Silver	ND	0.548	"		ND					35	
Sodium	190	11.0	"		216				13.0	35	
Thallium	ND	1.10	"		ND					35	
Vanadium	28.8	1.10	"		43.5				40.6	35	Non-dir.
Zinc	60.0	1.64	"		133				75.4	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80259 - EPA 3050B											
Reference (BB80259-SRM1)								Prepared & Analyzed: 02/07/2018			
Aluminum	7240	5.00	mg/kg wet	8090		89.5	49.8-149.6				
Antimony	103	0.500	"	99.3		104	0.5-207.5				
Arsenic	98.8	1.00	"	100		98.8	80.9-120				
Barium	219	1.00	"	217		101	81.6-118.4				
Beryllium	145	0.100	"	147		98.5	81.6-119.1				
Cadmium	80.9	0.300	"	83.7		96.6	81.2-118.9				
Calcium	5680	5.00	"	6010		94.4	80.9-119				
Chromium	100	0.500	"	107		93.8	77.5-121.5				
Cobalt	122	0.500	"	123		99.1	82.1-117.9				
Copper	179	0.500	"	166		108	80.7-118.7				
Iron	12400	2.00	"	14600		85.1	45.1-154.8				
Lead	86.5	0.500	"	88.4		97.8	81.2-118.8				
Magnesium	2700	5.00	"	2930		92.3	74.7-125.3				
Manganese	296	0.500	"	311		95.3	80.1-119.9				
Nickel	61.2	0.500	"	49.8		123	80.9-118.9	High Bias			
Potassium	2540	5.00	"	2620		96.9	69.1-130.9				
Selenium	90.7	1.00	"	87.7		103	76.1-124.3				
Silver	38.9	0.500	"	41.4		94.0	73.7-126.1				
Sodium	278	10.0	"	252		110	69.1-131.4				
Thallium	55.3	1.00	"	58.1		95.1	77.6-122.6				
Vanadium	134	1.00	"	140		95.6	76.4-122.9				
Zinc	132	1.50	"	145		91.3	82.1-117.9				
Batch BB80619 - EPA 3050B											
Blank (BB80619-BLK1)								Prepared & Analyzed: 02/15/2018			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	196	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80619 - EPA 3050B											
Reference (BB80619-SRM1)											Prepared & Analyzed: 02/15/2018
Aluminum	6090	5.00	mg/kg wet	8040		75.8	42.2-150.5				
Antimony	85.3	0.500	"	91.4		93.4	0.5-225.4				
Arsenic	137	1.00	"	146		93.7	79.5-119.9				
Barium	94.5	1.00	"	102		92.7	80.7-119.6				
Beryllium	128	0.100	"	134		95.3	79.9-120.9				
Cadmium	62.1	0.300	"	63.2		98.3	79.7-120.4				
Calcium	5790	5.00	"	5930		97.6	79.1-120.9				
Chromium	82.3	0.500	"	89.3		92.1	76.4-123.2				
Cobalt	123	0.500	"	119		104	80.4-117.9				
Copper	64.2	0.500	"	60.8		106	78.9-121.1				
Iron	10400	2.00	"	14400		72.3	44.1-155.6				
Lead	97.1	0.500	"	98.5		98.6	79.2-120.8				
Magnesium	2380	5.00	"	2580		92.4	74-125.6				
Manganese	377	0.500	"	370		102	78.6-121.6				
Nickel	71.8	0.500	"	66.6		108	79.6-120.4				
Potassium	2300	5.00	"	2340		98.2	68.8-131.2				
Selenium	131	1.00	"	136		96.4	75.7-125				
Silver	45.4	0.500	"	48.9		92.9	71.4-128.8				
Sodium	294	10.0	"	318		92.5	65.7-134.6				
Thallium	130	1.00	"	138		93.8	76.8-123.2				
Vanadium	57.8	1.00	"	69.7		83.0	75.2-124.8				
Zinc	165	2.50	"	177		93.4	80.2-120.3				
Batch BB80629 - EPA 3015A/1311											
Blank (BB80629-BLK1)											Prepared: 02/15/2018 Analyzed: 02/16/2018
Lead	ND	0.222	mg/L								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80629 - EPA 3015A/1311											
Duplicate (BB80629-DUP1)	*Source sample: 18B0184-01 (SB114_0-2)								Prepared: 02/15/2018 Analyzed: 02/16/2018		
Lead	ND	5.00	mg/L		ND					20	
Leach Fluid Blank (BB80629-LBK1)									Prepared: 02/15/2018 Analyzed: 02/16/2018		
Lead	ND	5.00	mg/L								
Matrix Spike (BB80629-MS1)	*Source sample: 18B0184-01 (SB114_0-2)								Prepared: 02/15/2018 Analyzed: 02/16/2018		
Lead	14.6	5.00	mg/L	12.5	ND	117	75-125				
Reference (BB80629-SRM1)									Prepared: 02/15/2018 Analyzed: 02/16/2018		
Lead	0.552		ug/mL	0.640		86.3	85-115				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80255 - EPA 7473 soil											
Blank (BB80255-BLK1)								Prepared & Analyzed: 02/07/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB80255-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Mercury	ND	0.0329	mg/kg dry		ND					35	
Matrix Spike (BB80255-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Mercury	0.428		mg/kg	0.500	0.00920	83.7	75-125				
Reference (BB80255-SRM1)								Prepared & Analyzed: 02/07/2018			
Mercury	19.351		mg/kg	13.8		140	57.1-143.5				
Batch BB80543 - EPA 7473 soil											
Blank (BB80543-BLK1)								Prepared & Analyzed: 02/14/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB80543-DUP1)	*Source sample: 18B0184-02 (SB114_6-7)							Prepared & Analyzed: 02/14/2018			
Mercury	0.0609	0.0333	mg/kg dry		0.0642				5.32	35	
Matrix Spike (BB80543-MS1)	*Source sample: 18B0184-02 (SB114_6-7)							Prepared & Analyzed: 02/14/2018			
Mercury	0.496		mg/kg	0.500	0.0579	87.6	75-125				
Reference (BB80543-SRM1)								Prepared & Analyzed: 02/14/2018			
Mercury	12.979		mg/kg	13.8		94.1	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80390 - % Solids Prep											
Duplicate (BB80390-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/09/2018			
% Solids	92.0	0.100	%		91.3				0.765	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80262 - EPA SW846-3060											
Blank (BB80262-BLK1)								Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BB80262-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	0.570	0.548	mg/kg dry		0.570				0.00	35	
Matrix Spike (BB80262-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	21.5	0.548	mg/kg dry	21.9	0.570	95.4	75-125				
Reference (BB80262-SRM1)								Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	111		mg/L	207		53.5	40.5-101.9				
Batch BB80302 - Analysis Preparation Soil											
Blank (BB80302-BLK1)								Prepared & Analyzed: 02/08/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BB80302-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
Cyanide, total	ND	0.548	mg/kg dry		ND					15	
Matrix Spike (BB80302-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
Cyanide, total	9.41	0.548	mg/kg dry	11.0	ND	85.8	79.6-107				
Reference (BB80302-SRM1)								Prepared & Analyzed: 02/08/2018			
Cyanide, total	43.1		ug/mL	62.8		68.6	6.37-86				
Batch BB80516 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BB80516-BLK1)								Prepared: 02/13/2018 Analyzed: 02/14/2018			
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0184-01	SB114_0-2	40mL Vial with Stir Bar-Cool 4° C
18B0184-04	SB114_15-16	40mL Vial with Stir Bar-Cool 4° C
18B0184-06	SB114_30-31	40mL Vial with Stir Bar-Cool 4° C
18B0184-08	SB114_39-40	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include additional analytes.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0184

YOUR Information

Company: LANGAN ENG.
Address: 300 W 31ST ST 8FL.
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package X
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std) X
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Taylor Morgan
Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB114-0-2	02/06/18 1020	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
SB114-6-7	02/06/18 1050	S	TCL+30 VOCs+SVOCs, PCBs, Pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114-10-11	02/06/18 1055	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114-15-16	02/06/18 1030	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
EBMS03-020618	02/06/18 1030	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
EBMSD03-020618	02/06/18 1030	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
SB114-19-20	02/06/18 1310	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114-30-31	02/06/18 1525	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
SB114-34-36	02/06/18 1550	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114-39-40	02/06/18 1555	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	02/06/18 1610		2/6/18 1610
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Fahle	2/6/18 1924

Temperature on Receipt 0.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/26/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0184

Revision No. 2.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 02/26/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0184

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 06, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0184-01	SB114_0-2	Soil	02/06/2018	02/06/2018
18B0184-02	SB114_6-7	Soil	02/06/2018	02/06/2018
18B0184-04	SB114_15-16	Soil	02/06/2018	02/06/2018
18B0184-06	SB114_30-31	Soil	02/06/2018	02/06/2018
18B0184-08	SB114_39-40	Soil	02/06/2018	02/06/2018

General Notes for York Project (SDG) No.: 18B0184

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

Approved By:

Date: 02/26/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0072**	J	mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0093	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/08/2018 23:49	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0779**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.265**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.315**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**2.23**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.73**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**2.41**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.91**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.97**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0882**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.08**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.471**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0463**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.84**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.0603**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.69**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.20**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**3.04**		mg/kg dry	0.115	0.230	5	EPA 8270D	02/08/2018 04:21	02/09/2018 10:46	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:05	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*62.4 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*65.1 %*	*23-114*

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*77.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.9 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*79.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*53.9 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
016587-58-9	**benzo[de]anthracen isomer**	**588**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
000192-97-2	**benzo[e]pyrene isomer**	**1620**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**dibenzophenanthrene isomer**	**441**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**Dinaphtho furan isomer**	**515**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
000193-39-5	**indeno[1,2,3-cd]pyrene isomer**	**441**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**methyl Chrysene isomer**	**735**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**methyl Pyrene isomer**	**1030**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW
NA	**Perylene (TIC)**	**809**	N	ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:05	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:04	LAB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2018 14:05	02/08/2018 19:04	LAB

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00910	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0921	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:24	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.4 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*137 %*	*30-150*

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	5.00	1	EPA 6010C/1311	02/15/2018 11:49	02/16/2018 01:52	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8670**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**1.02**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.47**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**134**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.854**		mg/kg dry	0.331	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**8160**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.28**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**62.7**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14900**		mg/kg dry	2.21	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1730**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2580**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**322**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**26.9**		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1000**		mg/kg dry	5.52	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.59**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**336**	B	mg/kg dry	11.0	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.2**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**314**		mg/kg dry	1.65	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:01	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_0-2 **York Sample ID:** 18B0184-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:20 am	02/06/2018

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.755**		mg/kg dry	0.0331	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:41	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.7**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/13/2018 18:50	02/14/2018 12:14	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB114_6-7 **York Sample ID:** 18B0184-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:50 am	02/06/2018

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**14.5**		mg/L	0.0750	1	EPA 6010C/1311	02/26/2018 11:14	02/26/2018 17:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8810**		mg/kg dry	5.54	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**5.90**		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**404**		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.111	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.742**		mg/kg dry	0.333	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**19300**		mg/kg dry	5.54	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**13.9**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**8.45**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**34.8**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**18400**		mg/kg dry	2.22	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2570**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2240**		mg/kg dry	5.54	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**416**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**20.4**		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.54	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.59**		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB114_6-7 **York Sample ID:** 18B0184-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:50 am	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**127**	B	mg/kg dry	11.1	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.9**		mg/kg dry	1.11	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**530**		mg/kg dry	1.66	1	EPA 6010C	02/15/2018 10:04	02/17/2018 03:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0642**		mg/kg dry	0.0333	1	EPA 7473	02/14/2018 09:58	02/14/2018 10:24	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	02/16/2018 14:50	02/16/2018 16:33	TAJ
							Certifications:	CTDOH		

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/21/2018 18:35	02/22/2018 13:07	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0048**	J	mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.6 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/09/2018 00:18	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0914	0.183	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0458	0.0914	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*78.4 %*	*23-114*

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*91.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.3 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*92.4 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*59.4 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Octadecenamide isomer**	**365**	N	ug/kg dry			2	EPA 8270D	02/08/2018 04:21	02/08/2018 16:33	OW
								Certifications:			

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00904	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0915	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:19	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	02/07/2018 14:05	02/08/2018 14:48	LAB
							Certifications:			

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.2 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.6 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*128 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13700**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.82**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**64.6**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.329	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1270**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**32.8**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**12.7**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**58.9**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**18700**		mg/kg dry	2.19	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**44.3**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7840**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**504**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**59.1**		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3190**		mg/kg dry	5.48	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.548	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**216**	B	mg/kg dry	11.0	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**43.5**		mg/kg dry	1.10	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**133**		mg/kg dry	1.64	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:10	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:11	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB114_15-16 **York Sample ID:** 18B0184-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 10:30 am	02/06/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.570**		mg/kg dry	0.548	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**32.2**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.548	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB114_30-31** **York Sample ID:** **18B0184-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:15	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0870	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0870	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	02/08/2018 04:21	02/08/2018 18:36	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*71.1 %*	*23-114*

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*89.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.5 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*78.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*58.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 18:36	OW

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2018 14:05	02/08/2018 19:34	LAB
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH	02/07/2018 14:05	02/08/2018 19:34	LAB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:34	LAB

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00861	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0872	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:34	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 15:12	LAB
							Certifications:			

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.7 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.2 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0206	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0206	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0206	1	EPA 8151A	02/09/2018 04:06	02/09/2018 14:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*115 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9550**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.00**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**59.4**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3390**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.34**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.2**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**16900**		mg/kg dry	2.09	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**8.10**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6670**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**413**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**39.2**		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3180**		mg/kg dry	5.22	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.51**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**498**	B	mg/kg dry	10.4	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.4**		mg/kg dry	1.04	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**59.3**		mg/kg dry	1.57	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0313	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:51	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.8**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB114_30-31 **York Sample ID:** 18B0184-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:25 pm	02/06/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.3**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.522	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/08/2018 13:30	02/09/2018 02:45	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0437	0.0873	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/08/2018 04:21	02/08/2018 19:07	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*76.7 %*	*23-114*

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*97.0 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.1 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*87.7 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*63.4 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/08/2018 04:21	02/08/2018 19:07	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/07/2018 14:05	02/08/2018 19:49	LAB
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0345	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH	02/07/2018 14:05	02/08/2018 19:49	LAB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/07/2018 14:05	02/08/2018 19:49	LAB

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00863	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0874	5	EPA 8081B	02/07/2018 14:05	02/08/2018 19:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	02/07/2018 14:05	02/08/2018 17:07	LAB
							Certifications:			

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.8 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:04	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*120 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5550**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.98**		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**48.1**		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2180**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.3**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.5**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.8**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13500**		mg/kg dry	2.09	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**10.5**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**9940**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**387**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**96.1**		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1210**		mg/kg dry	5.23	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**334**	B	mg/kg dry	10.5	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	1.05	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**34.5**		mg/kg dry	1.57	1	EPA 6010C	02/07/2018 09:29	02/07/2018 20:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0314	1	EPA 7473	02/07/2018 09:22	02/07/2018 10:59	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.6**		%	0.100	1	SM 2540G	02/09/2018 15:03	02/09/2018 18:28	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB114_39-40 **York Sample ID:** 18B0184-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0184	170384501	Soil	February 6, 2018 3:55 pm	02/06/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.523	1	EPA 7196A	02/07/2018 09:59	02/07/2018 16:40	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.3**		mg/kg	0.500	1	Calculation	02/12/2018 12:40	02/12/2018 12:46	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.523	1	EPA 9014/9010C	02/08/2018 09:26	02/08/2018 18:54	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BB80255 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80255-BLK1	Blank	02/07/18
BB80255-DUP1	Duplicate	02/07/18
BB80255-MS1	Matrix Spike	02/07/18
BB80255-SRM1	Reference	02/07/18

Batch ID: BB80259 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80259-BLK1	Blank	02/07/18
BB80259-DUP1	Duplicate	02/07/18
BB80259-SRM1	Reference	02/07/18

Batch ID: BB80262 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80262-BLK1	Blank	02/07/18
BB80262-DUP1	Duplicate	02/07/18
BB80262-MS1	Matrix Spike	02/07/18
BB80262-SRM1	Reference	02/07/18

Batch ID: BB80277 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/07/18
18B0184-01	SB114_0-2	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-04	SB114_15-16	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-06	SB114_30-31	02/07/18
18B0184-08	SB114_39-40	02/07/18
18B0184-08	SB114_39-40	02/07/18
BB80277-BLK1	Blank	02/07/18

BB80277-BLK2	Blank	02/07/18
BB80277-BS1	LCS	02/07/18
BB80277-BS2	LCS	02/07/18
BB80277-MS1	Matrix Spike	02/07/18
BB80277-MS2	Matrix Spike	02/07/18
BB80277-MSD1	Matrix Spike Dup	02/07/18
BB80277-MSD2	Matrix Spike Dup	02/07/18

Batch ID: BB80299 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/08/18
18B0184-01	SB114_0-2	02/08/18
18B0184-01RE1	SB114_0-2	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-08	SB114_39-40	02/08/18
18B0184-08	SB114_39-40	02/08/18
BB80299-BLK1	Blank	02/08/18
BB80299-BLK1	Blank	02/08/18
BB80299-BS1	LCS	02/08/18
BB80299-MS1	Matrix Spike	02/08/18
BB80299-MSD1	Matrix Spike Dup	02/08/18

Batch ID: BB80302 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-08	SB114_39-40	02/08/18
BB80302-BLK1	Blank	02/08/18
BB80302-DUP1	Duplicate	02/08/18
BB80302-MS1	Matrix Spike	02/08/18
BB80302-SRM1	Reference	02/08/18

Batch ID: BB80312 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/08/18
18B0184-04	SB114_15-16	02/08/18
18B0184-06	SB114_30-31	02/08/18
18B0184-08	SB114_39-40	02/08/18
BB80312-BLK1	Blank	02/08/18
BB80312-BS1	LCS	02/08/18
BB80312-BSD1	LCS Dup	02/08/18
BB80312-MS1	Matrix Spike	02/08/18
BB80312-MSD1	Matrix Spike Dup	02/08/18

Batch ID: BB80354 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/09/18
18B0184-04	SB114_15-16	02/09/18
18B0184-06	SB114_30-31	02/09/18
18B0184-08	SB114_39-40	02/09/18
BB80354-BLK1	Blank	02/09/18
BB80354-BS1	LCS	02/09/18
BB80354-MS1	Matrix Spike	02/09/18
BB80354-MSD1	Matrix Spike Dup	02/09/18

Batch ID: BB80390 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/09/18
18B0184-04	SB114_15-16	02/09/18
18B0184-06	SB114_30-31	02/09/18
18B0184-08	SB114_39-40	02/09/18
BB80390-DUP1	Duplicate	02/09/18

Batch ID: BB80443 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/12/18
18B0184-04	SB114_15-16	02/12/18
18B0184-06	SB114_30-31	02/12/18
18B0184-08	SB114_39-40	02/12/18

Batch ID: BB80516 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/13/18
BB80516-BLK1	Blank	02/13/18

Batch ID: BB80543 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-02	SB114_6-7	02/14/18
BB80543-BLK1	Blank	02/14/18
BB80543-DUP1	Duplicate	02/14/18
BB80543-MS1	Matrix Spike	02/14/18
BB80543-SRM1	Reference	02/14/18

Batch ID: BB80619 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-02	SB114_6-7	02/15/18
BB80619-BLK1	Blank	02/15/18
BB80619-SRM1	Reference	02/15/18

Batch ID: BB80629 **Preparation Method:** EPA 3015A/1311 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-01	SB114_0-2	02/15/18
BB80629-BLK1	Blank	02/15/18
BB80629-DUP1	Duplicate	02/15/18
BB80629-LBK1	Leach Fluid Blank	02/15/18
BB80629-MS1	Matrix Spike	02/15/18
BB80629-SRM1	Reference	02/15/18

Batch ID: BB80719 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-02	SB114_6-7	02/16/18

Batch ID: BB80965 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-02	SB114_6-7	02/21/18
BB80965-BLK1	Blank	02/21/18

Batch ID: BB81133 **Preparation Method:** EPA 3015A/1311 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0184-02	SB114_6-7	02/26/18
BB81133-BLK1	Blank	02/26/18
BB81133-LBK1	Leach Fluid Blank	02/26/18
BB81133-SRM1	Reference	02/26/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Blank (BB80312-BLK1)											Prepared & Analyzed: 02/08/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

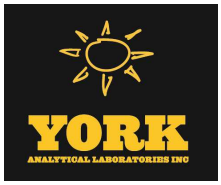
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Blank (BB80312-BLK1)											Prepared & Analyzed: 02/08/2018
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.7*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.6*	*76-130*				
LCS (BB80312-BS1)											Prepared & Analyzed: 02/08/2018
1,1,1,2-Tetrachloroethane	51.3		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	48.2		"	50.0		96.5	71-137				
1,1,2,2-Tetrachloroethane	54.9		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.3		"	50.0		94.6	58-146				
1,1,2-Trichloroethane	50.6		"	50.0		101	83-123				
1,1-Dichloroethane	47.2		"	50.0		94.5	75-130				
1,1-Dichloroethylene	44.9		"	50.0		89.7	64-137				
1,2,3-Trichlorobenzene	51.4		"	50.0		103	81-140				
1,2,3-Trichloropropane	53.1		"	50.0		106	81-126				
1,2,4-Trichlorobenzene	48.2		"	50.0		96.5	80-141				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.1	84-125				
1,2-Dibromo-3-chloropropane	57.9		"	50.0		116	74-142				
1,2-Dibromoethane	51.7		"	50.0		103	86-123				
1,2-Dichlorobenzene	49.6		"	50.0		99.3	85-122				
1,2-Dichloroethane	47.9		"	50.0		95.8	71-133				
1,2-Dichloropropane	49.1		"	50.0		98.2	81-122				
1,3,5-Trimethylbenzene	48.7		"	50.0		97.4	82-126				
1,3-Dichlorobenzene	47.8		"	50.0		95.6	84-124				
1,4-Dichlorobenzene	47.4		"	50.0		94.9	84-124				
1,4-Dioxane	1210		"	1050		115	10-228				
2-Butanone	55.0		"	50.0		110	58-147				
2-Hexanone	55.0		"	50.0		110	70-139				
4-Methyl-2-pentanone	55.0		"	50.0		110	72-132				
Acetone	42.5		"	50.0		85.0	36-155				
Acrolein	40.7		"	50.0		81.4	10-238				
Acrylonitrile	49.3		"	50.0		98.6	66-141				
Benzene	47.7		"	50.0		95.5	77-127				
Bromochloromethane	48.6		"	50.0		97.1	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
LCS (BB80312-BS1)								Prepared & Analyzed: 02/08/2018			
Bromodichloromethane	49.8		ug/L	50.0		99.6	81-124				
Bromoform	54.6		"	50.0		109	80-136				
Bromomethane	43.9		"	50.0		87.8	32-177				
Carbon disulfide	52.4		"	50.0		105	10-136				
Carbon tetrachloride	49.0		"	50.0		98.1	66-143				
Chlorobenzene	48.2		"	50.0		96.3	86-120				
Chloroethane	49.7		"	50.0		99.4	51-142				
Chloroform	48.3		"	50.0		96.7	76-131				
Chloromethane	51.0		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	46.2		"	50.0		92.3	74-132				
cis-1,3-Dichloropropylene	49.5		"	50.0		99.0	81-129				
Cyclohexane	46.9		"	50.0		93.8	70-130				
Dibromochloromethane	55.1		"	50.0		110	10-200				
Dibromomethane	50.6		"	50.0		101	83-124				
Dichlorodifluoromethane	73.8		"	50.0		148	28-158				
Ethyl Benzene	48.4		"	50.0		96.9	84-125				
Hexachlorobutadiene	49.7		"	50.0		99.3	83-133				
Isopropylbenzene	47.9		"	50.0		95.7	81-127				
Methyl acetate	43.2		"	50.0		86.4	41-143				
Methyl tert-butyl ether (MTBE)	53.2		"	50.0		106	74-131				
Methylcyclohexane	47.5		"	50.0		95.0	70-130				
Methylene chloride	45.4		"	50.0		90.8	57-141				
n-Butylbenzene	47.7		"	50.0		95.4	80-130				
n-Propylbenzene	47.1		"	50.0		94.2	74-136				
o-Xylene	49.0		"	50.0		98.0	83-123				
p- & m- Xylenes	95.6		"	100		95.6	82-128				
p-Isopropyltoluene	49.2		"	50.0		98.4	85-125				
sec-Butylbenzene	50.2		"	50.0		100	83-125				
Styrene	48.4		"	50.0		96.8	86-126				
tert-Butyl alcohol (TBA)	270		"	250		108	70-130				
tert-Butylbenzene	50.0		"	50.0		100	80-127				
Tetrachloroethylene	46.8		"	50.0		93.7	80-129				
Toluene	48.1		"	50.0		96.1	85-121				
trans-1,2-Dichloroethylene	44.9		"	50.0		89.8	72-132				
trans-1,3-Dichloropropylene	49.4		"	50.0		98.9	78-132				
Trichloroethylene	48.6		"	50.0		97.2	84-123				
Trichlorofluoromethane	49.0		"	50.0		98.1	62-140				
Vinyl Chloride	47.8		"	50.0		95.5	52-130				
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
LCS Dup (BB80312-BSD1)								Prepared & Analyzed: 02/08/2018			
1,1,1,2-Tetrachloroethane	51.8		ug/L	50.0		104	75-129		0.912	30	
1,1,1-Trichloroethane	48.4		"	50.0		96.8	71-137		0.310	30	
1,1,2,2-Tetrachloroethane	54.4		"	50.0		109	79-129		0.970	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.8		"	50.0		93.5	58-146		1.11	30	
1,1,2-Trichloroethane	51.4		"	50.0		103	83-123		1.57	30	
1,1-Dichloroethane	48.2		"	50.0		96.4	75-130		2.03	30	
1,1-Dichloroethylene	44.8		"	50.0		89.7	64-137		0.0446	30	
1,2,3-Trichlorobenzene	52.8		"	50.0		106	81-140		2.78	30	
1,2,3-Trichloropropane	54.0		"	50.0		108	81-126		1.79	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		4.54	30	
1,2,4-Trimethylbenzene	49.4		"	50.0		98.9	84-125		1.84	30	
1,2-Dibromo-3-chloropropane	57.1		"	50.0		114	74-142		1.34	30	
1,2-Dibromoethane	51.5		"	50.0		103	86-123		0.407	30	
1,2-Dichlorobenzene	50.4		"	50.0		101	85-122		1.44	30	
1,2-Dichloroethane	48.7		"	50.0		97.5	71-133		1.74	30	
1,2-Dichloropropane	49.0		"	50.0		98.0	81-122		0.184	30	
1,3,5-Trimethylbenzene	49.8		"	50.0		99.7	82-126		2.29	30	
1,3-Dichlorobenzene	49.2		"	50.0		98.3	84-124		2.78	30	
1,4-Dichlorobenzene	49.5		"	50.0		99.0	84-124		4.25	30	
1,4-Dioxane	1210		"	1050		115	10-228		0.0282	30	
2-Butanone	56.6		"	50.0		113	58-147		2.85	30	
2-Hexanone	54.1		"	50.0		108	70-139		1.58	30	
4-Methyl-2-pentanone	53.6		"	50.0		107	72-132		2.63	30	
Acetone	43.1		"	50.0		86.2	36-155		1.33	30	
Acrolein	40.1		"	50.0		80.2	10-238		1.58	30	
Acrylonitrile	49.7		"	50.0		99.3	66-141		0.728	30	
Benzene	47.8		"	50.0		95.6	77-127		0.126	30	
Bromochloromethane	48.1		"	50.0		96.2	74-129		0.993	30	
Bromodichloromethane	49.2		"	50.0		98.3	81-124		1.33	30	
Bromoform	55.0		"	50.0		110	80-136		0.712	30	
Bromomethane	48.0		"	50.0		96.0	32-177		8.96	30	
Carbon disulfide	52.4		"	50.0		105	10-136		0.134	30	
Carbon tetrachloride	49.8		"	50.0		99.6	66-143		1.50	30	
Chlorobenzene	48.8		"	50.0		97.6	86-120		1.28	30	
Chloroethane	50.1		"	50.0		100	51-142		0.882	30	
Chloroform	48.4		"	50.0		96.9	76-131		0.207	30	
Chloromethane	51.3		"	50.0		103	49-132		0.665	30	
cis-1,2-Dichloroethylene	46.7		"	50.0		93.3	74-132		1.06	30	
cis-1,3-Dichloropropylene	48.8		"	50.0		97.7	81-129		1.34	30	
Cyclohexane	47.8		"	50.0		95.6	70-130		1.82	30	
Dibromochloromethane	54.6		"	50.0		109	10-200		0.985	30	
Dibromomethane	50.0		"	50.0		100	83-124		1.25	30	
Dichlorodifluoromethane	74.0		"	50.0		148	28-158		0.271	30	
Ethyl Benzene	49.0		"	50.0		97.9	84-125		1.05	30	
Hexachlorobutadiene	51.2		"	50.0		102	83-133		3.05	30	
Isopropylbenzene	48.8		"	50.0		97.6	81-127		1.99	30	
Methyl acetate	45.2		"	50.0		90.3	41-143		4.41	30	
Methyl tert-butyl ether (MTBE)	54.4		"	50.0		109	74-131		2.12	30	
Methylcyclohexane	47.6		"	50.0		95.2	70-130		0.126	30	
Methylene chloride	46.5		"	50.0		92.9	57-141		2.29	30	
n-Butylbenzene	49.2		"	50.0		98.5	80-130		3.22	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

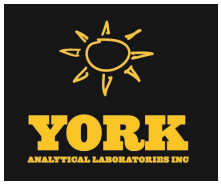
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
LCS Dup (BB80312-BSD1)								Prepared & Analyzed: 02/08/2018			
n-Propylbenzene	48.0		ug/L	50.0		96.0	74-136		1.85	30	
o-Xylene	49.5		"	50.0		98.9	83-123		0.934	30	
p- & m- Xylenes	95.5		"	100		95.5	82-128		0.0628	30	
p-Isopropyltoluene	50.4		"	50.0		101	85-125		2.37	30	
sec-Butylbenzene	51.5		"	50.0		103	83-125		2.55	30	
Styrene	48.3		"	50.0		96.6	86-126		0.207	30	
tert-Butyl alcohol (TBA)	270		"	250		108	70-130		0.00370	30	
tert-Butylbenzene	51.0		"	50.0		102	80-127		2.04	30	
Tetrachloroethylene	47.2		"	50.0		94.4	80-129		0.766	30	
Toluene	48.3		"	50.0		96.5	85-121		0.394	30	
trans-1,2-Dichloroethylene	47.0		"	50.0		94.0	72-132		4.55	30	
trans-1,3-Dichloropropylene	48.8		"	50.0		97.6	78-132		1.34	30	
Trichloroethylene	49.5		"	50.0		98.9	84-123		1.71	30	
Trichlorofluoromethane	49.2		"	50.0		98.5	62-140		0.387	30	
Vinyl Chloride	49.6		"	50.0		99.2	52-130		3.78	30	
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
Matrix Spike (BB80312-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/08/2018 Analyzed: 02/09/2018			
1,1,1,2-Tetrachloroethane	50.3		ug/L	50.0	0.00	101	15-161				
1,1,1-Trichloroethane	48.8		"	50.0	0.00	97.5	42-145				
1,1,2,2-Tetrachloroethane	53.4		"	50.0	0.00	107	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.0		"	50.0	0.00	95.9	11-160				
1,1,2-Trichloroethane	50.6		"	50.0	0.00	101	44-145				
1,1-Dichloroethane	48.5		"	50.0	0.00	97.0	46-142				
1,1-Dichloroethylene	46.1		"	50.0	0.00	92.1	30-153				
1,2,3-Trichlorobenzene	46.4		"	50.0	0.00	92.7	10-157				
1,2,3-Trichloropropane	52.5		"	50.0	0.00	105	38-155				
1,2,4-Trichlorobenzene	43.6		"	50.0	0.00	87.2	10-151				
1,2,4-Trimethylbenzene	47.8		"	50.0	0.00	95.5	10-170				
1,2-Dibromo-3-chloropropane	54.6		"	50.0	0.00	109	36-138				
1,2-Dibromoethane	51.5		"	50.0	0.00	103	40-142				
1,2-Dichlorobenzene	47.7		"	50.0	0.00	95.3	10-147				
1,2-Dichloroethane	46.8		"	50.0	0.00	93.6	48-133				
1,2-Dichloropropane	50.2		"	50.0	0.00	100	47-141				
1,3,5-Trimethylbenzene	48.5		"	50.0	0.00	96.9	10-150				
1,3-Dichlorobenzene	45.9		"	50.0	0.00	91.8	10-144				
1,4-Dichlorobenzene	45.1		"	50.0	0.00	90.2	10-160				
1,4-Dioxane	1240		"	1050	0.00	118	10-191				
2-Butanone	54.2		"	50.0	0.00	108	10-189				
2-Hexanone	51.1		"	50.0	0.00	102	10-181				
4-Methyl-2-pentanone	53.2		"	50.0	0.00	106	10-166				
Acetone	47.8		"	50.0	5.05	85.6	10-196				
Acrolein	25.4		"	50.0	0.00	50.9	10-192				
Acrylonitrile	47.6		"	50.0	0.00	95.1	13-161				
Benzene	47.7		"	50.0	0.00	95.4	43-139				
Bromochloromethane	48.7		"	50.0	0.00	97.4	38-145				
Bromodichloromethane	49.3		"	50.0	0.00	98.7	38-147				
Bromoform	53.9		"	50.0	0.00	108	29-156				
Bromomethane	43.7		"	50.0	0.00	87.4	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Matrix Spike (BB80312-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared: 02/08/2018 Analyzed: 02/09/2018			
Carbon disulfide	53.3		ug/L	50.0	0.00	107	10-131				
Carbon tetrachloride	49.9		"	50.0	0.00	99.9	35-145				
Chlorobenzene	47.9		"	50.0	0.00	95.8	21-154				
Chloroethane	51.8		"	50.0	0.00	104	15-160				
Chloroform	48.3		"	50.0	0.00	96.7	47-142				
Chloromethane	50.4		"	50.0	0.00	101	10-159				
cis-1,2-Dichloroethylene	47.5		"	50.0	0.00	95.0	42-144				
cis-1,3-Dichloropropylene	49.2		"	50.0	0.00	98.4	18-159				
Cyclohexane	48.8		"	50.0	0.00	97.5	70-130				
Dibromochloromethane	53.4		"	50.0	0.00	107	10-179				
Dibromomethane	50.2		"	50.0	0.00	100	47-143				
Dichlorodifluoromethane	74.8		"	50.0	0.00	150	10-145	High Bias			
Ethyl Benzene	48.8		"	50.0	0.00	97.5	11-158				
Hexachlorobutadiene	48.0		"	50.0	0.00	95.9	10-158				
Isopropylbenzene	48.6		"	50.0	0.00	97.2	10-162				
Methyl acetate	51.9		"	50.0	0.00	104	10-149				
Methyl tert-butyl ether (MTBE)	53.5		"	50.0	0.00	107	42-152				
Methylcyclohexane	48.6		"	50.0	0.00	97.2	70-130				
Methylene chloride	48.8		"	50.0	2.25	93.1	28-151				
n-Butylbenzene	47.3		"	50.0	0.00	94.6	10-162				
n-Propylbenzene	47.2		"	50.0	0.00	94.4	10-155				
o-Xylene	49.0		"	50.0	0.00	98.0	10-158				
p- & m- Xylenes	95.7		"	100	0.00	95.7	10-156				
p-Isopropyltoluene	48.3		"	50.0	0.00	96.7	10-147				
sec-Butylbenzene	51.0		"	50.0	0.00	102	10-157				
Styrene	47.3		"	50.0	0.00	94.5	13-171				
tert-Butyl alcohol (TBA)	270		"	250	0.00	108	34-179				
tert-Butylbenzene	50.4		"	50.0	0.00	101	10-160				
Tetrachloroethylene	46.7		"	50.0	0.00	93.4	30-167				
Toluene	48.4		"	50.0	0.00	96.8	21-160				
trans-1,2-Dichloroethylene	47.1		"	50.0	0.00	94.1	29-153				
trans-1,3-Dichloropropylene	48.4		"	50.0	0.00	96.7	18-155				
Trichloroethylene	49.4		"	50.0	0.00	98.7	24-169				
Trichlorofluoromethane	49.4		"	50.0	0.00	98.9	35-142				
Vinyl Chloride	49.2		"	50.0	0.00	98.5	12-160				
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Matrix Spike Dup (BB80312-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared: 02/08/2018 Analyzed: 02/09/2018		
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0	0.00	99.9	15-161		0.698	33	
1,1,1-Trichloroethane	47.7		"	50.0	0.00	95.5	42-145		2.13	30	
1,1,2,2-Tetrachloroethane	54.6		"	50.0	0.00	109	16-167		2.37	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.6		"	50.0	0.00	93.3	11-160		2.83	31	
1,1,2-Trichloroethane	48.3		"	50.0	0.00	96.6	44-145		4.65	40	
1,1-Dichloroethane	47.0		"	50.0	0.00	94.0	46-142		3.16	36	
1,1-Dichloroethylene	45.1		"	50.0	0.00	90.2	30-153		2.11	31	
1,2,3-Trichlorobenzene	45.3		"	50.0	0.00	90.6	10-157		2.33	47	
1,2,3-Trichloropropane	51.6		"	50.0	0.00	103	38-155		1.77	48	
1,2,4-Trichlorobenzene	43.8		"	50.0	0.00	87.7	10-151		0.526	52	
1,2,4-Trimethylbenzene	49.4		"	50.0	0.00	98.8	10-170		3.34	242	
1,2-Dibromo-3-chloropropane	56.7		"	50.0	0.00	113	36-138		3.85	54	
1,2-Dibromoethane	50.5		"	50.0	0.00	101	40-142		2.02	39	
1,2-Dichlorobenzene	48.4		"	50.0	0.00	96.7	10-147		1.44	52	
1,2-Dichloroethane	44.8		"	50.0	0.00	89.7	48-133		4.32	32	
1,2-Dichloropropane	48.8		"	50.0	0.00	97.6	47-141		2.89	37	
1,3,5-Trimethylbenzene	49.7		"	50.0	0.00	99.4	10-150		2.57	62	
1,3-Dichlorobenzene	46.5		"	50.0	0.00	92.9	10-144		1.23	51	
1,4-Dichlorobenzene	46.6		"	50.0	0.00	93.2	10-160		3.23	52	
1,4-Dioxane	1270		"	1050	0.00	121	10-191		2.36	196	
2-Butanone	54.4		"	50.0	0.00	109	10-189		0.497	67	
2-Hexanone	50.7		"	50.0	0.00	101	10-181		0.687	60	
4-Methyl-2-pentanone	51.7		"	50.0	0.00	103	10-166		2.84	47	
Acetone	44.9		"	50.0	5.35	79.1	10-196		6.30	150	
Acrolein	21.0		"	50.0	0.00	41.9	10-192		19.3	128	
Acrylonitrile	45.0		"	50.0	0.00	90.0	13-161		5.58	48	
Benzene	46.6		"	50.0	0.00	93.3	43-139		2.25	64	
Bromochloromethane	46.4		"	50.0	0.00	92.8	38-145		4.84	30	
Bromodichloromethane	47.7		"	50.0	0.00	95.5	38-147		3.30	37	
Bromoform	54.0		"	50.0	0.00	108	29-156		0.148	51	
Bromomethane	44.7		"	50.0	0.00	89.3	10-166		2.17	42	
Carbon disulfide	52.6		"	50.0	0.00	105	10-131		1.30	36	
Carbon tetrachloride	49.0		"	50.0	0.00	98.0	35-145		1.92	31	
Chlorobenzene	47.6		"	50.0	0.00	95.2	21-154		0.628	32	
Chloroethane	49.8		"	50.0	0.00	99.7	15-160		3.78	40	
Chloroform	46.8		"	50.0	0.00	93.7	47-142		3.15	29	
Chloromethane	50.9		"	50.0	0.00	102	10-159		1.07	31	
cis-1,2-Dichloroethylene	47.5		"	50.0	0.00	95.1	42-144		0.126	30	
cis-1,3-Dichloropropylene	47.8		"	50.0	0.00	95.5	18-159		2.99	39	
Cyclohexane	47.6		"	50.0	0.00	95.2	70-130		2.37	30	
Dibromochloromethane	51.7		"	50.0	0.00	103	10-179		3.10	41	
Dibromomethane	49.4		"	50.0	0.00	98.7	47-143		1.79	41	
Dichlorodifluoromethane	73.7		"	50.0	0.00	147	10-145	High Bias	1.54	34	
Ethyl Benzene	48.4		"	50.0	0.00	96.8	11-158		0.782	42	
Hexachlorobutadiene	48.8		"	50.0	0.00	97.6	10-158		1.70	45	
Isopropylbenzene	50.0		"	50.0	0.00	100	10-162		2.90	57	
Methyl acetate	53.5		"	50.0	0.00	107	10-149		3.11	64	
Methyl tert-butyl ether (MTBE)	51.1		"	50.0	0.00	102	42-152		4.63	47	
Methylcyclohexane	48.5		"	50.0	0.00	97.1	70-130		0.103	30	
Methylene chloride	46.3		"	50.0	2.39	87.8	28-151		5.22	49	
n-Butylbenzene	48.7		"	50.0	0.00	97.5	10-162		3.02	96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80312 - EPA 5035A											
Matrix Spike Dup (BB80312-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared: 02/08/2018 Analyzed: 02/09/2018		
n-Propylbenzene	48.5		ug/L	50.0	0.00	96.9	10-155		2.66	56	
o-Xylene	48.0		"	50.0	0.00	96.0	10-158		2.06	51	
p- & m- Xylenes	94.9		"	100	0.00	94.9	10-156		0.902	47	
p-Isopropyltoluene	50.0		"	50.0	0.00	100	10-147		3.34	60	
sec-Butylbenzene	51.9		"	50.0	0.00	104	10-157		1.69	56	
Styrene	46.8		"	50.0	0.00	93.6	13-171		0.978	39	
tert-Butyl alcohol (TBA)	268		"	250	0.00	107	34-179		0.900	35	
tert-Butylbenzene	51.6		"	50.0	0.00	103	10-160		2.30	79	
Tetrachloroethylene	46.6		"	50.0	0.00	93.1	30-167		0.279	33	
Toluene	48.3		"	50.0	0.00	96.5	21-160		0.310	50	
trans-1,2-Dichloroethylene	45.9		"	50.0	0.00	91.9	29-153		2.43	30	
trans-1,3-Dichloropropylene	47.0		"	50.0	0.00	94.0	18-155		2.83	30	
Trichloroethylene	48.8		"	50.0	0.00	97.6	24-169		1.16	30	
Trichlorofluoromethane	48.5		"	50.0	0.00	97.0	35-142		1.90	30	
Vinyl Chloride	47.0		"	50.0	0.00	94.0	12-160		4.63	35	
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.5*	*77-125*				
Surrogate: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

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

Batch BB80299 - EPA 3550C

Blank (BB80299-BLK1)

Prepared & Analyzed: 02/08/2018

1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

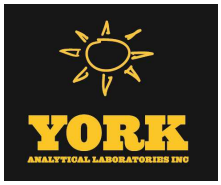
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)											Prepared & Analyzed: 02/08/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.55*		"	*2.52*		*101*	*20-108*				
Surrogate: Phenol-d5	*2.60*		"	*2.55*		*102*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.24*		"	*1.69*		*133*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.75*		"	*1.83*		*95.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.28*		"	*2.53*		*129*	*19-110*				
Surrogate: Terphenyl-d14	*1.61*		"	*1.77*		*91.2*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)								Prepared & Analyzed: 02/08/2018			
1,1-Biphenyl	0.832	0.0417	mg/kg wet	0.833		99.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.926	0.0833	"	0.833		111	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.859	0.0417	"	0.833		103	17-137				
2,3,4,6-Tetrachlorophenol	0.813	0.0833	"	0.833		97.6	30-130				
2,4,5-Trichlorophenol	0.894	0.0417	"	0.833		107	27-118				
2,4,6-Trichlorophenol	0.929	0.0417	"	0.833		112	31-120				
2,4-Dichlorophenol	0.937	0.0417	"	0.833		112	20-127				
2,4-Dimethylphenol	0.873	0.0417	"	0.833		105	14-132				
2,4-Dinitrophenol	0.944	0.0833	"	0.833		113	10-171				
2,4-Dinitrotoluene	0.924	0.0417	"	0.833		111	34-131				
2,6-Dinitrotoluene	0.912	0.0417	"	0.833		109	31-128				
2-Chloronaphthalene	0.663	0.0417	"	0.833		79.6	31-117				
2-Chlorophenol	0.791	0.0417	"	0.833		94.9	33-113				
2-Methylnaphthalene	0.907	0.0417	"	0.833		109	12-138				
2-Methylphenol	0.866	0.0417	"	0.833		104	10-136				
2-Nitroaniline	0.887	0.0833	"	0.833		106	27-132				
2-Nitrophenol	0.929	0.0417	"	0.833		111	17-129				
3- & 4-Methylphenols	0.787	0.0417	"	0.833		94.4	29-103				
3,3-Dichlorobenzidine	0.801	0.0417	"	0.833		96.1	22-149				
3-Nitroaniline	0.639	0.0833	"	0.833		76.7	20-133				
4,6-Dinitro-2-methylphenol	1.11	0.0833	"	0.833		133	10-143				
4-Bromophenyl phenyl ether	0.929	0.0417	"	0.833		111	29-120				
4-Chloro-3-methylphenol	1.08	0.0417	"	0.833		130	24-129	High Bias			
4-Chloroaniline	0.528	0.0417	"	0.833		63.4	10-132				
4-Chlorophenyl phenyl ether	0.842	0.0417	"	0.833		101	27-124				
4-Nitroaniline	0.788	0.0833	"	0.833		94.5	16-128				
4-Nitrophenol	1.13	0.0833	"	0.833		136	10-141				
Acenaphthene	0.810	0.0417	"	0.833		97.2	30-121				
Acenaphthylene	0.751	0.0417	"	0.833		90.1	30-115				
Acetophenone	0.937	0.0417	"	0.833		112	20-112				
Aniline	0.689	0.167	"	0.833		82.6	10-119				
Anthracene	0.899	0.0417	"	0.833		108	34-118				
Atrazine	1.07	0.0417	"	0.833		128	26-112	High Bias			
Benzaldehyde	0.917	0.0417	"	0.833		110	21-100	High Bias			
Benzo(a)anthracene	0.980	0.0417	"	0.833		118	32-122				
Benzo(a)pyrene	0.979	0.0417	"	0.833		117	29-133				
Benzo(b)fluoranthene	0.904	0.0417	"	0.833		109	25-133				
Benzo(g,h,i)perylene	0.933	0.0417	"	0.833		112	10-143				
Benzo(k)fluoranthene	0.899	0.0417	"	0.833		108	25-128				
Benzoic acid	1.20	0.0417	"	0.967		124	10-140				
Benzyl alcohol	0.847	0.0417	"	0.833		102	30-115				
Benzyl butyl phthalate	1.09	0.0417	"	0.833		131	26-126	High Bias			
Bis(2-chloroethoxy)methane	0.937	0.0417	"	0.833		112	19-132				
Bis(2-chloroethyl)ether	0.842	0.0417	"	0.833		101	19-125				
Bis(2-chloroisopropyl)ether	0.831	0.0417	"	0.833		99.7	20-135				
Bis(2-ethylhexyl)phthalate	1.11	0.0417	"	0.833		133	10-155				
Caprolactam	1.14	0.0833	"	0.833		137	10-127	High Bias			
Carbazole	0.765	0.0417	"	0.833		91.8	35-123				
Chrysene	0.860	0.0417	"	0.833		103	32-123				
Dibenzo(a,h)anthracene	0.973	0.0417	"	0.833		117	10-136				
Dibenzofuran	0.818	0.0417	"	0.833		98.1	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
LCS (BB80299-BS1)								Prepared & Analyzed: 02/08/2018			
Diethyl phthalate	0.826	0.0417	mg/kg wet	0.833		99.2	34-116				
Dimethyl phthalate	0.822	0.0417	"	0.833		98.7	35-124				
Di-n-butyl phthalate	0.890	0.0417	"	0.833		107	31-116				
Di-n-octyl phthalate	1.07	0.0417	"	0.833		128	26-136				
Diphenylamine	1.08	0.0833	"	0.833		130	40-140				
Fluoranthene	0.919	0.0417	"	0.833		110	33-122				
Fluorene	0.807	0.0417	"	0.833		96.9	29-123				
Hexachlorobenzene	0.775	0.0417	"	0.833		93.0	21-124				
Hexachlorobutadiene	0.730	0.0417	"	0.833		87.6	10-149				
Hexachlorocyclopentadiene	0.366	0.0417	"	0.833		43.9	10-129				
Hexachloroethane	0.676	0.0417	"	0.833		81.1	28-108				
Indeno(1,2,3-cd)pyrene	0.948	0.0417	"	0.833		114	10-135				
Isophorone	0.805	0.0417	"	0.833		96.6	20-132				
Naphthalene	0.826	0.0417	"	0.833		99.1	23-124				
Nitrobenzene	0.780	0.0417	"	0.833		93.6	13-132				
N-Nitrosodimethylamine	0.745	0.0417	"	0.833		89.4	11-129				
N-nitroso-di-n-propylamine	0.927	0.0417	"	0.833		111	24-119				
N-Nitrosodiphenylamine	1.13	0.0417	"	0.833		135	22-152				
Pentachlorophenol	0.717	0.0417	"	0.833		86.1	10-139				
Phenanthrene	0.922	0.0417	"	0.833		111	33-123				
Phenol	0.791	0.0417	"	0.833		94.9	23-115				
Pyrene	0.969	0.0417	"	0.833		116	32-130				
Pyridine	0.529	0.167	"	0.833		63.4	10-91				
Surrogate: 2-Fluorophenol	*2.33*		"	*2.52*		*92.7*	*20-108*				
Surrogate: Phenol-d5	*2.46*		"	*2.55*		*96.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.89*		"	*1.69*		*112*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.44*		"	*1.83*		*79.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.92*		"	*2.53*		*115*	*19-110*				
Surrogate: Terphenyl-d14	*1.42*		"	*1.77*		*80.3*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

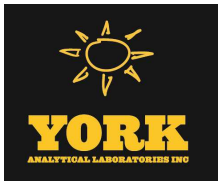
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike (BB80299-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
1,1-Biphenyl	0.757	0.0914	mg/kg dry	0.913	ND	82.9	10-130				
1,2,4,5-Tetrachlorobenzene	0.850	0.183	"	0.913	ND	93.0	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.741	0.0914	"	0.913	ND	81.1	10-144				
2,3,4,6-Tetrachlorophenol	0.703	0.183	"	0.913	ND	77.0	30-130				
2,4,5-Trichlorophenol	0.812	0.0914	"	0.913	ND	89.0	10-127				
2,4,6-Trichlorophenol	0.893	0.0914	"	0.913	ND	97.8	10-132				
2,4-Dichlorophenol	0.846	0.0914	"	0.913	ND	92.6	10-128				
2,4-Dimethylphenol	0.815	0.0914	"	0.913	ND	89.2	10-137				
2,4-Dinitrophenol	0.805	0.183	"	0.913	ND	88.2	10-171				
2,4-Dinitrotoluene	0.792	0.0914	"	0.913	ND	86.7	16-135				
2,6-Dinitrotoluene	0.752	0.0914	"	0.913	ND	82.4	18-131				
2-Chloronaphthalene	0.639	0.0914	"	0.913	ND	70.0	10-129				
2-Chlorophenol	0.798	0.0914	"	0.913	ND	87.4	15-116				
2-Methylnaphthalene	0.838	0.0914	"	0.913	ND	91.8	10-147				
2-Methylphenol	0.814	0.0914	"	0.913	ND	89.1	10-136				
2-Nitroaniline	0.809	0.183	"	0.913	ND	88.6	10-137				
2-Nitrophenol	0.820	0.0914	"	0.913	ND	89.8	10-129				
3- & 4-Methylphenols	0.777	0.0914	"	0.913	ND	85.1	10-123				
3,3-Dichlorobenzidine	0.580	0.0914	"	0.913	ND	63.5	10-155				
3-Nitroaniline	0.620	0.183	"	0.913	ND	67.9	12-133				
4,6-Dinitro-2-methylphenol	0.878	0.183	"	0.913	ND	96.2	10-155				
4-Bromophenyl phenyl ether	0.877	0.0914	"	0.913	ND	96.1	14-128				
4-Chloro-3-methylphenol	0.977	0.0914	"	0.913	ND	107	10-134				
4-Chloroaniline	0.565	0.0914	"	0.913	ND	61.8	10-145				
4-Chlorophenyl phenyl ether	0.825	0.0914	"	0.913	ND	90.3	14-130				
4-Nitroaniline	0.671	0.183	"	0.913	ND	73.4	10-147				
4-Nitrophenol	1.00	0.183	"	0.913	ND	110	10-137				
Acenaphthene	0.761	0.0914	"	0.913	ND	83.3	10-146				
Acenaphthylene	0.688	0.0914	"	0.913	ND	75.4	10-134				
Acetophenone	0.868	0.0914	"	0.913	ND	95.0	10-116				
Aniline	0.628	0.366	"	0.913	ND	68.7	10-123				
Anthracene	0.795	0.0914	"	0.913	ND	87.0	10-142				
Atrazine	0.857	0.0914	"	0.913	ND	93.8	19-115				
Benzaldehyde	0.937	0.0914	"	0.913	ND	103	10-125				
Benzo(a)anthracene	0.868	0.0914	"	0.913	ND	95.0	10-158				
Benzo(a)pyrene	0.869	0.0914	"	0.913	ND	95.1	10-180				
Benzo(b)fluoranthene	0.849	0.0914	"	0.913	ND	93.0	10-200				
Benzo(g,h,i)perylene	0.831	0.0914	"	0.913	ND	91.0	10-138				
Benzo(k)fluoranthene	0.774	0.0914	"	0.913	ND	84.7	10-197				
Benzoic acid	1.03	0.0914	"	1.06	ND	97.3	10-166				
Benzyl alcohol	0.864	0.0914	"	0.913	ND	94.6	12-124				
Benzyl butyl phthalate	0.899	0.0914	"	0.913	ND	98.5	10-154				
Bis(2-chloroethoxy)methane	0.896	0.0914	"	0.913	ND	98.1	10-132				
Bis(2-chloroethyl)ether	0.797	0.0914	"	0.913	ND	87.3	10-119				
Bis(2-chloroisopropyl)ether	0.757	0.0914	"	0.913	ND	82.9	10-139				
Bis(2-ethylhexyl)phthalate	0.947	0.0914	"	0.913	ND	104	10-167				
Caprolactam	0.931	0.183	"	0.913	ND	102	10-132				
Carbazole	0.638	0.0914	"	0.913	ND	69.9	10-167				
Chrysene	0.735	0.0914	"	0.913	ND	80.5	10-156				
Dibenzo(a,h)anthracene	0.845	0.0914	"	0.913	ND	92.6	10-137				
Dibenzofuran	0.744	0.0914	"	0.913	ND	81.5	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike (BB80299-MS1)	*Source sample: 18B0184-04 (SB114_15-16)						Prepared & Analyzed: 02/08/2018				
Diethyl phthalate	0.759	0.0914	mg/kg dry	0.913	ND	83.1	20-120				
Dimethyl phthalate	0.755	0.0914	"	0.913	ND	82.7	18-131				
Di-n-butyl phthalate	0.758	0.0914	"	0.913	ND	83.0	10-137				
Di-n-octyl phthalate	0.943	0.0914	"	0.913	ND	103	10-180				
Diphenylamine	0.989	0.183	"	0.913	ND	108	40-140				
Fluoranthene	0.837	0.0914	"	0.913	ND	91.7	10-160				
Fluorene	0.766	0.0914	"	0.913	ND	83.9	10-157				
Hexachlorobenzene	0.674	0.0914	"	0.913	ND	73.8	10-137				
Hexachlorobutadiene	0.631	0.0914	"	0.913	ND	69.1	10-132				
Hexachlorocyclopentadiene	0.233	0.0914	"	0.913	ND	25.5	10-106				
Hexachloroethane	0.658	0.0914	"	0.913	ND	72.1	10-110				
Indeno(1,2,3-cd)pyrene	0.806	0.0914	"	0.913	ND	88.2	10-144				
Isophorone	0.750	0.0914	"	0.913	ND	82.1	10-132				
Naphthalene	0.765	0.0914	"	0.913	ND	83.8	10-141				
Nitrobenzene	0.759	0.0914	"	0.913	ND	83.1	10-131				
N-Nitrosodimethylamine	0.712	0.0914	"	0.913	ND	77.9	10-126				
N-nitroso-di-n-propylamine	0.883	0.0914	"	0.913	ND	96.7	10-125				
N-Nitrosodiphenylamine	0.971	0.0914	"	0.913	ND	106	10-177				
Pentachlorophenol	0.568	0.0914	"	0.913	ND	62.2	10-153				
Phenanthrene	0.817	0.0914	"	0.913	ND	89.4	10-148				
Phenol	0.753	0.0914	"	0.913	ND	82.5	10-126				
Pyrene	0.850	0.0914	"	0.913	ND	93.0	10-165				
Pyridine	0.465	0.366	"	0.913	ND	51.0	10-83				
Surrogate: 2-Fluorophenol	*2.23*		"	*2.76*		*80.9*	*20-108*				
Surrogate: Phenol-d5	*2.33*		"	*2.79*		*83.3*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.79*		"	*1.85*		*96.8*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.38*		"	*2.00*		*68.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.62*		"	*2.78*		*94.2*	*19-110*				
Surrogate: Terphenyl-d14	*1.25*		"	*1.94*		*64.5*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike Dup (BB80299-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared & Analyzed: 02/08/2018		
1,1-Biphenyl	0.736	0.0914	mg/kg dry	0.913	ND	80.6	10-130		2.84	30	
1,2,4,5-Tetrachlorobenzene	0.858	0.183	"	0.913	ND	94.0	10-133		1.03	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.733	0.0914	"	0.913	ND	80.3	10-144		0.991	30	
2,3,4,6-Tetrachlorophenol	0.638	0.183	"	0.913	ND	69.9	30-130		9.59	30	
2,4,5-Trichlorophenol	0.807	0.0914	"	0.913	ND	88.3	10-127		0.722	30	
2,4,6-Trichlorophenol	0.817	0.0914	"	0.913	ND	89.5	10-132		8.80	30	
2,4-Dichlorophenol	0.883	0.0914	"	0.913	ND	96.6	10-128		4.23	30	
2,4-Dimethylphenol	0.782	0.0914	"	0.913	ND	85.6	10-137		4.12	30	
2,4-Dinitrophenol	0.666	0.183	"	0.913	ND	73.0	10-171		18.9	30	
2,4-Dinitrotoluene	0.717	0.0914	"	0.913	ND	78.5	16-135		9.98	30	
2,6-Dinitrotoluene	0.792	0.0914	"	0.913	ND	86.7	18-131		5.11	30	
2-Chloronaphthalene	0.633	0.0914	"	0.913	ND	69.4	10-129		0.918	30	
2-Chlorophenol	0.790	0.0914	"	0.913	ND	86.6	15-116		1.01	30	
2-Methylnaphthalene	0.837	0.0914	"	0.913	ND	91.7	10-147		0.0872	30	
2-Methylphenol	0.752	0.0914	"	0.913	ND	82.4	10-136		7.84	30	
2-Nitroaniline	0.803	0.183	"	0.913	ND	87.9	10-137		0.816	30	
2-Nitrophenol	0.928	0.0914	"	0.913	ND	102	10-129		12.3	30	
3- & 4-Methylphenols	0.736	0.0914	"	0.913	ND	80.6	10-123		5.41	30	
3,3-Dichlorobenzidine	0.589	0.0914	"	0.913	ND	64.5	10-155		1.50	30	
3-Nitroaniline	0.676	0.183	"	0.913	ND	74.0	12-133		8.57	30	
4,6-Dinitro-2-methylphenol	0.894	0.183	"	0.913	ND	97.9	10-155		1.81	30	
4-Bromophenyl phenyl ether	0.785	0.0914	"	0.913	ND	85.9	14-128		11.2	30	
4-Chloro-3-methylphenol	1.02	0.0914	"	0.913	ND	112	10-134		4.17	30	
4-Chloroaniline	0.537	0.0914	"	0.913	ND	58.8	10-145		5.04	30	
4-Chlorophenyl phenyl ether	0.763	0.0914	"	0.913	ND	83.5	14-130		7.82	30	
4-Nitroaniline	0.708	0.183	"	0.913	ND	77.5	10-147		5.41	30	
4-Nitrophenol	0.894	0.183	"	0.913	ND	97.9	10-137		11.5	30	
Acenaphthene	0.750	0.0914	"	0.913	ND	82.2	10-146		1.35	30	
Acenaphthylene	0.678	0.0914	"	0.913	ND	74.2	10-134		1.50	30	
Acetophenone	0.802	0.0914	"	0.913	ND	87.8	10-116		7.87	30	
Aniline	0.609	0.366	"	0.913	ND	66.6	10-123		3.07	30	
Anthracene	0.742	0.0914	"	0.913	ND	81.3	10-142		6.84	30	
Atrazine	0.834	0.0914	"	0.913	ND	91.4	19-115		2.68	30	
Benzaldehyde	0.739	0.0914	"	0.913	ND	80.9	10-125		23.7	30	
Benzo(a)anthracene	0.845	0.0914	"	0.913	ND	92.6	10-158		2.64	30	
Benzo(a)pyrene	0.853	0.0914	"	0.913	ND	93.4	10-180		1.87	30	
Benzo(b)fluoranthene	0.763	0.0914	"	0.913	ND	83.5	10-200		10.7	30	
Benzo(g,h,i)perylene	0.793	0.0914	"	0.913	ND	86.9	10-138		4.59	30	
Benzo(k)fluoranthene	0.759	0.0914	"	0.913	ND	83.1	10-197		1.91	30	
Benzoic acid	0.935	0.0914	"	1.06	ND	88.3	10-166		9.74	30	
Benzyl alcohol	0.712	0.0914	"	0.913	ND	78.0	12-124		19.3	30	
Benzyl butyl phthalate	0.873	0.0914	"	0.913	ND	95.6	10-154		2.97	30	
Bis(2-chloroethoxy)methane	0.886	0.0914	"	0.913	ND	97.0	10-132		1.07	30	
Bis(2-chloroethyl)ether	0.771	0.0914	"	0.913	ND	84.5	10-119		3.26	30	
Bis(2-chloroisopropyl)ether	0.685	0.0914	"	0.913	ND	75.0	10-139		10.0	30	
Bis(2-ethylhexyl)phthalate	0.887	0.0914	"	0.913	ND	97.1	10-167		6.53	30	
Caprolactam	0.995	0.183	"	0.913	ND	109	10-132		6.68	30	
Carbazole	0.649	0.0914	"	0.913	ND	71.0	10-167		1.59	30	
Chrysene	0.740	0.0914	"	0.913	ND	81.0	10-156		0.693	30	
Dibenzo(a,h)anthracene	0.797	0.0914	"	0.913	ND	87.3	10-137		5.87	30	
Dibenzofuran	0.717	0.0914	"	0.913	ND	78.5	10-147		3.80	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Matrix Spike Dup (BB80299-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
Diethyl phthalate	0.716	0.0914	mg/kg dry	0.913	ND	78.4	20-120		5.84	30	
Dimethyl phthalate	0.735	0.0914	"	0.913	ND	80.5	18-131		2.75	30	
Di-n-butyl phthalate	0.754	0.0914	"	0.913	ND	82.6	10-137		0.580	30	
Di-n-octyl phthalate	0.920	0.0914	"	0.913	ND	101	10-180		2.43	30	
Diphenylamine	0.912	0.183	"	0.913	ND	99.8	40-140		8.15	30	
Fluoranthene	0.793	0.0914	"	0.913	ND	86.9	10-160		5.38	30	
Fluorene	0.734	0.0914	"	0.913	ND	80.4	10-157		4.28	30	
Hexachlorobenzene	0.659	0.0914	"	0.913	ND	72.2	10-137		2.19	30	
Hexachlorobutadiene	0.657	0.0914	"	0.913	ND	71.9	10-132		3.97	30	
Hexachlorocyclopentadiene	0.229	0.0914	"	0.913	ND	25.1	10-106		1.58	30	
Hexachloroethane	0.602	0.0914	"	0.913	ND	65.9	10-110		8.93	30	
Indeno(1,2,3-cd)pyrene	0.796	0.0914	"	0.913	ND	87.1	10-144		1.28	30	
Isophorone	0.752	0.0914	"	0.913	ND	82.4	10-132		0.389	30	
Naphthalene	0.757	0.0914	"	0.913	ND	82.9	10-141		1.06	30	
Nitrobenzene	0.708	0.0914	"	0.913	ND	77.5	10-131		6.97	30	
N-Nitrosodimethylamine	0.678	0.0914	"	0.913	ND	74.2	10-126		4.84	30	
N-nitroso-di-n-propylamine	0.770	0.0914	"	0.913	ND	84.3	10-125		13.7	30	
N-Nitrosodiphenylamine	0.967	0.0914	"	0.913	ND	106	10-177		0.377	30	
Pentachlorophenol	0.500	0.0914	"	0.913	ND	54.8	10-153		12.6	30	
Phenanthrene	0.776	0.0914	"	0.913	ND	85.0	10-148		5.14	30	
Phenol	0.701	0.0914	"	0.913	ND	76.7	10-126		7.24	30	
Pyrene	0.812	0.0914	"	0.913	ND	89.0	10-165		4.48	30	
Pyridine	0.399	0.366	"	0.913	ND	43.7	10-83		15.4	30	
Surrogate: 2-Fluorophenol	*2.10*		"	*2.76*		*76.3*	*20-108*				
Surrogate: Phenol-d5	*2.28*		"	*2.79*		*81.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.79*		"	*1.85*		*96.9*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.39*		"	*2.00*		*69.6*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.54*		"	*2.78*		*91.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.24*		"	*1.94*		*64.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80299 - EPA 3550C											
Blank (BB80299-BLK1)											Prepared & Analyzed: 02/08/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80277 - EPA 3550C											
Blank (BB80277-BLK1)											Prepared: 02/07/2018 Analyzed: 02/08/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0716*		*"*	*0.0697*		*103*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0572*		*"*	*0.0673*		*84.9*	*30-150*				
LCS (BB80277-BS1)											Prepared: 02/07/2018 Analyzed: 02/08/2018
4,4'-DDD	0.0356	0.000330	mg/kg wet	0.0333		107	40-140				
4,4'-DDE	0.0299	0.000330	"	0.0333		89.8	40-140				
4,4'-DDT	0.0354	0.000330	"	0.0333		106	40-140				
Aldrin	0.0367	0.000330	"	0.0333		110	40-140				
alpha-BHC	0.0379	0.000330	"	0.0333		114	40-140				
alpha-Chlordane	0.0343	0.000330	"	0.0333		103	40-140				
beta-BHC	0.0372	0.000330	"	0.0333		112	40-140				
delta-BHC	0.0396	0.000330	"	0.0333		119	40-140				
Dieldrin	0.0374	0.000330	"	0.0333		112	40-140				
Endosulfan I	0.0417	0.000330	"	0.0333		125	40-140				
Endosulfan II	0.0385	0.000330	"	0.0333		115	40-140				
Endosulfan sulfate	0.0398	0.000330	"	0.0333		120	40-140				
Endrin	0.0355	0.000330	"	0.0333		106	40-140				
Endrin aldehyde	0.0361	0.000330	"	0.0333		108	40-140				
Endrin ketone	0.0406	0.000330	"	0.0333		122	40-140				
gamma-BHC (Lindane)	0.0361	0.000330	"	0.0333		108	40-140				
gamma-Chlordane	0.0346	0.000330	"	0.0333		104	40-140				
Heptachlor	0.0334	0.000330	"	0.0333		100	40-140				
Heptachlor epoxide	0.0340	0.000330	"	0.0333		102	40-140				
Methoxychlor	0.0299	0.00165	"	0.0333		89.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0695*		*"*	*0.0697*		*99.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0627*		*"*	*0.0673*		*93.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80277 - EPA 3550C											
Matrix Spike (BB80277-MS1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared: 02/07/2018 Analyzed: 02/08/2018		
4,4'-DDD	0.0258	0.00181	mg/kg dry	0.0365	ND	70.7	30-150				
4,4'-DDE	0.0237	0.00181	"	0.0365	ND	64.9	30-150				
4,4'-DDT	0.0250	0.00181	"	0.0365	ND	68.4	30-150				
Aldrin	0.0338	0.00181	"	0.0365	ND	92.5	30-150				
alpha-BHC	0.0374	0.00181	"	0.0365	ND	102	30-150				
alpha-Chlordane	0.0355	0.00181	"	0.0365	ND	97.1	30-150				
beta-BHC	0.0389	0.00181	"	0.0365	ND	107	30-150				
delta-BHC	0.0335	0.00181	"	0.0365	ND	91.8	30-150				
Dieldrin	0.0354	0.00181	"	0.0365	ND	96.9	30-150				
Endosulfan I	0.0415	0.00181	"	0.0365	ND	114	30-150				
Endosulfan II	0.0374	0.00181	"	0.0365	ND	102	30-150				
Endosulfan sulfate	0.0362	0.00181	"	0.0365	ND	99.2	30-150				
Endrin	0.0344	0.00181	"	0.0365	ND	94.1	30-150				
Endrin aldehyde	0.0331	0.00181	"	0.0365	ND	90.7	30-150				
Endrin ketone	0.0392	0.00181	"	0.0365	ND	107	30-150				
gamma-BHC (Lindane)	0.0371	0.00181	"	0.0365	ND	102	30-150				
gamma-Chlordane	0.0343	0.00181	"	0.0365	ND	94.0	30-150				
Heptachlor	0.0342	0.00181	"	0.0365	ND	93.5	30-150				
Heptachlor epoxide	0.0365	0.00181	"	0.0365	ND	99.9	30-150				
Methoxychlor	0.0241	0.00904	"	0.0365	ND	66.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0819*		*"*	*0.0763*		*107*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0729*		*"*	*0.0738*		*98.7*	*30-150*				
Matrix Spike Dup (BB80277-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared: 02/07/2018 Analyzed: 02/08/2018		
4,4'-DDD	0.0357	0.00181	mg/kg dry	0.0365	ND	97.7	30-150		32.0	30	Non-dir.
4,4'-DDE	0.0322	0.00181	"	0.0365	ND	88.2	30-150		30.4	30	Non-dir.
4,4'-DDT	0.0349	0.00181	"	0.0365	ND	95.5	30-150		33.1	30	Non-dir.
Aldrin	0.0408	0.00181	"	0.0365	ND	112	30-150		18.7	30	
alpha-BHC	0.0479	0.00181	"	0.0365	ND	131	30-150		24.7	30	
alpha-Chlordane	0.0438	0.00181	"	0.0365	ND	120	30-150		20.9	30	
beta-BHC	0.0508	0.00181	"	0.0365	ND	139	30-150		26.4	30	
delta-BHC	0.0468	0.00181	"	0.0365	ND	128	30-150		33.0	30	Non-dir.
Dieldrin	0.0458	0.00181	"	0.0365	ND	125	30-150		25.5	30	
Endosulfan I	0.0526	0.00181	"	0.0365	ND	144	30-150		23.7	30	
Endosulfan II	0.0499	0.00181	"	0.0365	ND	137	30-150		28.6	30	
Endosulfan sulfate	0.0507	0.00181	"	0.0365	ND	139	30-150		33.2	30	Non-dir.
Endrin	0.0462	0.00181	"	0.0365	ND	126	30-150		29.4	30	
Endrin aldehyde	0.0472	0.00181	"	0.0365	ND	129	30-150		35.1	30	Non-dir.
Endrin ketone	0.0537	0.00181	"	0.0365	ND	147	30-150		31.2	30	Non-dir.
gamma-BHC (Lindane)	0.0479	0.00181	"	0.0365	ND	131	30-150		25.3	30	
gamma-Chlordane	0.0425	0.00181	"	0.0365	ND	116	30-150		21.4	30	
Heptachlor	0.0417	0.00181	"	0.0365	ND	114	30-150		20.0	30	
Heptachlor epoxide	0.0458	0.00181	"	0.0365	ND	125	30-150		22.6	30	
Methoxychlor	0.0338	0.00904	"	0.0365	ND	92.5	30-150		33.3	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0940*		*"*	*0.0763*		*123*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0825*		*"*	*0.0738*		*112*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B0908 - BL70213											
Performance Mix (Y8B0908-PEM1)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.707		"	0.00			0-200				
4,4'-DDT	160		"	200		79.8	0-200				
Endrin	133		"	100		133	0-200				
Endrin aldehyde	1.31		"	0.00			0-200				
Endrin ketone	9.71		"	0.00			0-200				
Performance Mix (Y8B0908-PEM2)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.786		"	0.00			0-200				
4,4'-DDT	224		"	200		112	0-200				
Endrin	164		"	100		164	0-200				
Endrin aldehyde	1.81		"	0.00			0-200				
Endrin ketone	10.8		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80277 - EPA 3550C											
Blank (BB80277-BLK2)											Prepared: 02/07/2018 Analyzed: 02/08/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0697*		*"*	*0.0673*		*103*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0613*		*"*	*0.0697*		*88.0*	*30-140*				
LCS (BB80277-BS2)											Prepared: 02/07/2018 Analyzed: 02/08/2018
Aroclor 1016	0.305	0.0167	mg/kg wet	0.333		91.5	40-130				
Aroclor 1260	0.317	0.0167	"	0.333		95.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0510*		*"*	*0.0673*		*75.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0697*		*70.8*	*30-140*				
Matrix Spike (BB80277-MS2)	*Source sample: 18B0184-04 (SB114_15-16)										Prepared: 02/07/2018 Analyzed: 02/08/2018
Aroclor 1016	0.372	0.0183	mg/kg dry	0.365	ND	102	40-140				
Aroclor 1260	0.358	0.0183	"	0.365	ND	98.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0636*		*"*	*0.0738*		*86.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0533*		*"*	*0.0763*		*69.9*	*30-140*				
Matrix Spike Dup (BB80277-MSD2)	*Source sample: 18B0184-04 (SB114_15-16)										Prepared: 02/07/2018 Analyzed: 02/08/2018
Aroclor 1016	0.384	0.0183	mg/kg dry	0.365	ND	105	40-140		3.05	50	
Aroclor 1260	0.381	0.0183	"	0.365	ND	104	40-140		6.20	50	
Surrogate: Tetrachloro-m-xylene	*0.0650*		*"*	*0.0738*		*88.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0588*		*"*	*0.0763*		*77.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80354 - EPA 3550B/8151A											
Blank (BB80354-BLK1)								Prepared & Analyzed: 02/09/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.547*		*"*	*0.500*		*109*	*30-150*				
LCS (BB80354-BS1)								Prepared & Analyzed: 02/09/2018			
2,4,5-T	0.157	0.0200	mg/kg wet	0.160		98.1	40-140				
2,4,5-TP (Silvex)	0.160	0.0200	"	0.160		100	40-140				
2,4-D	0.149	0.0200	"	0.160		93.1	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.570*		*"*	*0.500*		*114*	*30-150*				
Matrix Spike (BB80354-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/09/2018			
2,4,5-T	0.138	0.0218	mg/kg dry	0.175	ND	78.8	30-150				
2,4,5-TP (Silvex)	0.140	0.0218	"	0.175	ND	80.0	30-150				
2,4-D	0.117	0.0218	"	0.175	ND	66.9	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.544*		*"*	*0.546*		*99.6*	*30-150*				
Matrix Spike Dup (BB80354-MSD1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/09/2018			
2,4,5-T	0.153	0.0217	mg/kg dry	0.174	ND	88.1	30-150		10.8	35	
2,4,5-TP (Silvex)	0.155	0.0217	"	0.174	ND	89.4	30-150		10.7	35	
2,4-D	0.141	0.0217	"	0.174	ND	81.2	30-150		19.0	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.608*		*"*	*0.544*		*112*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80259 - EPA 3050B											
Blank (BB80259-BLK1)									Prepared & Analyzed: 02/07/2018		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	18.6	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Duplicate (BB80259-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)								Prepared & Analyzed: 02/07/2018		
Aluminum	10600	5.48	mg/kg dry		13700				25.1	35	
Antimony	ND	0.548	"		ND					35	
Arsenic	2.51	1.10	"		2.82				11.4	35	
Barium	66.6	1.10	"		64.6				3.03	35	
Beryllium	ND	0.110	"		ND					35	
Cadmium	ND	0.329	"		ND					35	
Calcium	1310	5.48	"		1270				3.02	35	
Chromium	21.4	0.548	"		32.8				42.3	35	Non-dir.
Cobalt	11.0	0.548	"		12.7				14.5	35	
Copper	44.4	0.548	"		58.9				28.1	35	
Iron	15200	2.19	"		18700				20.6	35	
Lead	29.8	0.548	"		44.3				39.1	35	Non-dir.
Magnesium	4440	5.48	"		7840				55.4	35	Non-dir.
Manganese	480	0.548	"		504				4.85	35	
Nickel	63.2	0.548	"		59.1				6.73	35	
Potassium	1070	5.48	"		3190				99.6	35	Non-dir.
Selenium	ND	1.10	"		ND					35	
Silver	ND	0.548	"		ND					35	
Sodium	190	11.0	"		216				13.0	35	
Thallium	ND	1.10	"		ND					35	
Vanadium	28.8	1.10	"		43.5				40.6	35	Non-dir.
Zinc	60.0	1.64	"		133				75.4	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80259 - EPA 3050B											
Reference (BB80259-SRM1)								Prepared & Analyzed: 02/07/2018			
Aluminum	7240	5.00	mg/kg wet	8090		89.5	49.8-149.6				
Antimony	103	0.500	"	99.3		104	0.5-207.5				
Arsenic	98.8	1.00	"	100		98.8	80.9-120				
Barium	219	1.00	"	217		101	81.6-118.4				
Beryllium	145	0.100	"	147		98.5	81.6-119.1				
Cadmium	80.9	0.300	"	83.7		96.6	81.2-118.9				
Calcium	5680	5.00	"	6010		94.4	80.9-119				
Chromium	100	0.500	"	107		93.8	77.5-121.5				
Cobalt	122	0.500	"	123		99.1	82.1-117.9				
Copper	179	0.500	"	166		108	80.7-118.7				
Iron	12400	2.00	"	14600		85.1	45.1-154.8				
Lead	86.5	0.500	"	88.4		97.8	81.2-118.8				
Magnesium	2700	5.00	"	2930		92.3	74.7-125.3				
Manganese	296	0.500	"	311		95.3	80.1-119.9				
Nickel	61.2	0.500	"	49.8		123	80.9-118.9	High Bias			
Potassium	2540	5.00	"	2620		96.9	69.1-130.9				
Selenium	90.7	1.00	"	87.7		103	76.1-124.3				
Silver	38.9	0.500	"	41.4		94.0	73.7-126.1				
Sodium	278	10.0	"	252		110	69.1-131.4				
Thallium	55.3	1.00	"	58.1		95.1	77.6-122.6				
Vanadium	134	1.00	"	140		95.6	76.4-122.9				
Zinc	132	1.50	"	145		91.3	82.1-117.9				
Batch BB80619 - EPA 3050B											
Blank (BB80619-BLK1)								Prepared & Analyzed: 02/15/2018			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	196	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80619 - EPA 3050B											
Reference (BB80619-SRM1)								Prepared & Analyzed: 02/15/2018			
Aluminum	6090	5.00	mg/kg wet	8040		75.8	42.2-150.5				
Antimony	85.3	0.500	"	91.4		93.4	0.5-225.4				
Arsenic	137	1.00	"	146		93.7	79.5-119.9				
Barium	94.5	1.00	"	102		92.7	80.7-119.6				
Beryllium	128	0.100	"	134		95.3	79.9-120.9				
Cadmium	62.1	0.300	"	63.2		98.3	79.7-120.4				
Calcium	5790	5.00	"	5930		97.6	79.1-120.9				
Chromium	82.3	0.500	"	89.3		92.1	76.4-123.2				
Cobalt	123	0.500	"	119		104	80.4-117.9				
Copper	64.2	0.500	"	60.8		106	78.9-121.1				
Iron	10400	2.00	"	14400		72.3	44.1-155.6				
Lead	97.1	0.500	"	98.5		98.6	79.2-120.8				
Magnesium	2380	5.00	"	2580		92.4	74-125.6				
Manganese	377	0.500	"	370		102	78.6-121.6				
Nickel	71.8	0.500	"	66.6		108	79.6-120.4				
Potassium	2300	5.00	"	2340		98.2	68.8-131.2				
Selenium	131	1.00	"	136		96.4	75.7-125				
Silver	45.4	0.500	"	48.9		92.9	71.4-128.8				
Sodium	294	10.0	"	318		92.5	65.7-134.6				
Thallium	130	1.00	"	138		93.8	76.8-123.2				
Vanadium	57.8	1.00	"	69.7		83.0	75.2-124.8				
Zinc	165	2.50	"	177		93.4	80.2-120.3				
Batch BB80629 - EPA 3015A/1311											
Blank (BB80629-BLK1)								Prepared: 02/15/2018 Analyzed: 02/16/2018			
Lead	ND	0.222	mg/L								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80629 - EPA 3015A/1311											
Duplicate (BB80629-DUP1)	*Source sample: 18B0184-01 (SB114_0-2)								Prepared: 02/15/2018 Analyzed: 02/16/2018		
Lead	ND	5.00	mg/L		ND					20	
Leach Fluid Blank (BB80629-LBK1)									Prepared: 02/15/2018 Analyzed: 02/16/2018		
Lead	ND	5.00	mg/L								
Matrix Spike (BB80629-MS1)	*Source sample: 18B0184-01 (SB114_0-2)								Prepared: 02/15/2018 Analyzed: 02/16/2018		
Lead	14.6	5.00	mg/L	12.5	ND	117	75-125				
Reference (BB80629-SRM1)									Prepared: 02/15/2018 Analyzed: 02/16/2018		
Lead	0.552		ug/mL	0.640		86.3	85-115				
Batch BB81133 - EPA 3015A/1311											
Blank (BB81133-BLK1)									Prepared & Analyzed: 02/26/2018		
Lead	ND	0.00333	mg/L								
Leach Fluid Blank (BB81133-LBK1)									Prepared & Analyzed: 02/26/2018		
Lead	ND	0.0750	mg/L								
Reference (BB81133-SRM1)									Prepared & Analyzed: 02/26/2018		
Lead	0.571		ug/mL	0.640		89.2	85-115				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80255 - EPA 7473 soil											
Blank (BB80255-BLK1)								Prepared & Analyzed: 02/07/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB80255-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Mercury	ND	0.0329	mg/kg dry		ND					35	
Matrix Spike (BB80255-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Mercury	0.428		mg/kg	0.500	0.00920	83.7	75-125				
Reference (BB80255-SRM1)								Prepared & Analyzed: 02/07/2018			
Mercury	19.351		mg/kg	13.8		140	57.1-143.5				
Batch BB80543 - EPA 7473 soil											
Blank (BB80543-BLK1)								Prepared & Analyzed: 02/14/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB80543-DUP1)	*Source sample: 18B0184-02 (SB114_6-7)							Prepared & Analyzed: 02/14/2018			
Mercury	0.0609	0.0333	mg/kg dry		0.0642				5.32	35	
Matrix Spike (BB80543-MS1)	*Source sample: 18B0184-02 (SB114_6-7)							Prepared & Analyzed: 02/14/2018			
Mercury	0.496		mg/kg	0.500	0.0579	87.6	75-125				
Reference (BB80543-SRM1)								Prepared & Analyzed: 02/14/2018			
Mercury	12.979		mg/kg	13.8		94.1	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80390 - % Solids Prep											
Duplicate (BB80390-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/09/2018			
% Solids	92.0	0.100	%		91.3				0.765	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80262 - EPA SW846-3060											
Blank (BB80262-BLK1)								Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BB80262-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	0.570	0.548	mg/kg dry		0.570				0.00	35	
Matrix Spike (BB80262-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	21.5	0.548	mg/kg dry	21.9	0.570	95.4	75-125				
Reference (BB80262-SRM1)								Prepared & Analyzed: 02/07/2018			
Chromium, Hexavalent	111		mg/L	207		53.5	40.5-101.9				
Batch BB80302 - Analysis Preparation Soil											
Blank (BB80302-BLK1)								Prepared & Analyzed: 02/08/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BB80302-DUP1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
Cyanide, total	ND	0.548	mg/kg dry		ND					15	
Matrix Spike (BB80302-MS1)	*Source sample: 18B0184-04 (SB114_15-16)							Prepared & Analyzed: 02/08/2018			
Cyanide, total	9.41	0.548	mg/kg dry	11.0	ND	85.8	79.6-107				
Reference (BB80302-SRM1)								Prepared & Analyzed: 02/08/2018			
Cyanide, total	43.1		ug/mL	62.8		68.6	6.37-86				
Batch BB80516 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BB80516-BLK1)								Prepared: 02/13/2018 Analyzed: 02/14/2018			
TCLP Extraction	Completed	1.00	N/A								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80965 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BB80965-BLK1)									Prepared: 02/21/2018 Analyzed: 02/22/2018		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0184-01	SB114_0-2	40mL Vial with Stir Bar-Cool 4° C
18B0184-04	SB114_15-16	40mL Vial with Stir Bar-Cool 4° C
18B0184-06	SB114_30-31	40mL Vial with Stir Bar-Cool 4° C
18B0184-08	SB114_39-40	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include TCLP Pb analysis.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0184

YOUR Information

Company: LANGAN ENG.
Address: 300 W 31ST ST 8FL.
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

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

Taylor Morgan
Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB114-0-2	02/06/18 1020	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
SB114-6-7	02/06/18 1050	S	TCL+30 VOCs+SVOCs, PCBs, Pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114-10-11	02/06/18 1055	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114-15-16	02/06/18 1030	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
EBMS03-020618	02/06/18 1030	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
EBMSD03-020618	02/06/18 1030	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
SB114-19-20	02/06/18 1310	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114-30-31	02/06/18 1525	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
SB114-34-36	02/06/18 1550	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB114-39-40	02/06/18 1555	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	02/06/18 1610		2/6/18 1610
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Fahle	2/6/18 1924

Temperature on Receipt 0.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/14/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0221

Report Date: 02/14/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0221

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 07, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0221-01	SB101_66-67	Soil	02/07/2018	02/07/2018

General Notes for York Project (SDG) No.: 18B0221

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

Approved By:

Date: 02/14/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0088	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0088	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Volatiles, 8260 Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.6 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/09/2018 07:30	02/09/2018 16:22	RS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.200	0.401	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.200	0.401	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.200	0.401	2	EPA 8270D	02/09/2018 04:17	02/09/2018 23:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*61.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*45.8 %*	*23-114*

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.2 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*62.7 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*77.7 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*56.0 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/09/2018 04:17	02/09/2018 23:27	KH

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/08/2018 04:27	02/09/2018 12:11	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0395	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH	02/08/2018 04:27	02/09/2018 12:11	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/08/2018 04:27	02/09/2018 12:11	SA

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/09/2018 12:11	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/09/2018 12:11	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/09/2018 12:11	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/09/2018 12:11	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/09/2018 12:11	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/09/2018 12:11	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B	02/08/2018 04:27	02/09/2018 12:11	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00987	5	EPA 8081B	02/08/2018 04:27	02/09/2018 12:11	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0999	5	EPA 8081B	02/08/2018 04:27	02/09/2018 12:11	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/09/2018 02:20	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/09/2018 02:20	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/09/2018 02:20	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/09/2018 02:20	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/09/2018 02:20	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/09/2018 02:20	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/09/2018 02:20	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A	02/08/2018 04:27	02/09/2018 02:20	LAB
							Certifications:			

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.2 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0235	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:17	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0235	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:17	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0235	1	EPA 8151A	02/09/2018 04:06	02/09/2018 15:17	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*112 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2930**		mg/kg dry	6.00	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.40	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.75**		mg/kg dry	2.40	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**39.6**		mg/kg dry	1.20	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.120	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.360	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5190**		mg/kg dry	6.00	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**8.30**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**3.89**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.7**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**7880**		mg/kg dry	60.0	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**5.63**		mg/kg dry	2.40	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2920**		mg/kg dry	6.00	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**297**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**11.5**		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**831**		mg/kg dry	36.0	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.23**		mg/kg dry	1.20	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.600	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	18.0	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.20	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**10.0**		mg/kg dry	1.20	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**15.1**		mg/kg dry	1.80	1	EPA 6010C	02/08/2018 09:32	02/14/2018 00:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0360	1	EPA 7473	02/08/2018 09:29	02/08/2018 13:45	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.3**		%	0.100	1	SM 2540G	02/12/2018 10:16	02/12/2018 16:16	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB101_66-67 **York Sample ID:** 18B0221-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0221	170384501	Soil	February 7, 2018 1:15 pm	02/07/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.600	1	EPA 7196A	02/09/2018 10:01	02/09/2018 18:04	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**8.30**		mg/kg	0.500	1	Calculation	02/13/2018 12:29	02/14/2018 12:19	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.600	1	EPA 9014/9010C	02/09/2018 10:03	02/09/2018 14:56	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BB80300 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/08/18
18B0221-01	SB101_66-67	02/08/18
BB80300-BLK1	Blank	02/08/18
BB80300-BLK2	Blank	02/08/18
BB80300-BS1	LCS	02/08/18
BB80300-BS2	LCS	02/08/18

Batch ID: BB80304 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/08/18
BB80304-BLK1	Blank	02/08/18
BB80304-SRM1	Reference	02/08/18

Batch ID: BB80306 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/08/18
BB80306-BLK1	Blank	02/08/18
BB80306-SRM1	Reference	02/08/18

Batch ID: BB80354 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/09/18
BB80354-BLK1	Blank	02/09/18
BB80354-BS1	LCS	02/09/18

Batch ID: BB80357 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/09/18
18B0221-01	SB101_66-67	02/09/18
BB80357-BLK1	Blank	02/09/18
BB80357-BLK1	Blank	02/09/18
BB80357-BS1	LCS	02/09/18

Batch ID: BB80359 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/09/18
BB80359-BLK1	Blank	02/09/18

BB80359-BS1	LCS	02/09/18
BB80359-BSD1	LCS Dup	02/09/18

Batch ID: BB80373 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/09/18
BB80373-BLK1	Blank	02/09/18
BB80373-SRM1	Reference	02/09/18

Batch ID: BB80374 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/09/18
BB80374-BLK1	Blank	02/09/18
BB80374-SRM1	Reference	02/09/18

Batch ID: BB80425 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/12/18
BB80425-DUP1	Duplicate	02/12/18

Batch ID: BB80498 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0221-01	SB101_66-67	02/13/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
Blank (BB80359-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Prepared & Analyzed: 02/09/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
Blank (BB80359-BLK1)									Prepared & Analyzed: 02/09/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.0*		*96.2*	*77-125*				
Surrogate: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				
LCS (BB80359-BS1)									Prepared & Analyzed: 02/09/2018		
1,1,1,2-Tetrachloroethane	50.8		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	47.8		"	50.0		95.5	71-137				
1,1,2,2-Tetrachloroethane	48.0		"	50.0		95.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.9		"	50.0		99.7	58-146				
1,1,2-Trichloroethane	46.1		"	50.0		92.3	83-123				
1,1-Dichloroethane	49.0		"	50.0		98.0	75-130				
1,1-Dichloroethylene	47.3		"	50.0		94.6	64-137				
1,2,3-Trichlorobenzene	52.6		"	50.0		105	81-140				
1,2,3-Trichloropropane	44.8		"	50.0		89.7	81-126				
1,2,4-Trichlorobenzene	53.0		"	50.0		106	80-141				
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	44.5		"	50.0		89.0	74-142				
1,2-Dibromoethane	47.7		"	50.0		95.5	86-123				
1,2-Dichlorobenzene	48.4		"	50.0		96.7	85-122				
1,2-Dichloroethane	48.2		"	50.0		96.3	71-133				
1,2-Dichloropropane	44.8		"	50.0		89.7	81-122				
1,3,5-Trimethylbenzene	48.6		"	50.0		97.3	82-126				
1,3-Dichlorobenzene	50.2		"	50.0		100	84-124				
1,4-Dichlorobenzene	49.1		"	50.0		98.3	84-124				
1,4-Dioxane	928		"	1050		88.4	10-228				
2-Butanone	44.0		"	50.0		87.9	58-147				
2-Hexanone	42.5		"	50.0		85.1	70-139				
4-Methyl-2-pentanone	43.1		"	50.0		86.2	72-132				
Acetone	34.7		"	50.0		69.4	36-155				
Acrolein	42.2		"	50.0		84.4	10-238				
Acrylonitrile	44.8		"	50.0		89.6	66-141				
Benzene	48.0		"	50.0		96.1	77-127				
Bromochloromethane	50.5		"	50.0		101	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
LCS (BB80359-BS1)								Prepared & Analyzed: 02/09/2018			
Bromodichloromethane	47.4		ug/L	50.0		94.8	81-124				
Bromoform	51.2		"	50.0		102	80-136				
Bromomethane	48.9		"	50.0		97.9	32-177				
Carbon disulfide	53.3		"	50.0		107	10-136				
Carbon tetrachloride	49.6		"	50.0		99.1	66-143				
Chlorobenzene	47.5		"	50.0		95.1	86-120				
Chloroethane	47.3		"	50.0		94.6	51-142				
Chloroform	47.4		"	50.0		94.8	76-131				
Chloromethane	52.0		"	50.0		104	49-132				
cis-1,2-Dichloroethylene	47.9		"	50.0		95.8	74-132				
cis-1,3-Dichloropropylene	47.7		"	50.0		95.4	81-129				
Cyclohexane	48.7		"	50.0		97.4	70-130				
Dibromochloromethane	52.3		"	50.0		105	10-200				
Dibromomethane	44.3		"	50.0		88.5	83-124				
Dichlorodifluoromethane	69.7		"	50.0		139	28-158				
Ethyl Benzene	48.4		"	50.0		96.7	84-125				
Hexachlorobutadiene	53.6		"	50.0		107	83-133				
Isopropylbenzene	48.7		"	50.0		97.4	81-127				
Methyl acetate	40.6		"	50.0		81.2	41-143				
Methyl tert-butyl ether (MTBE)	49.7		"	50.0		99.3	74-131				
Methylcyclohexane	46.6		"	50.0		93.1	70-130				
Methylene chloride	45.1		"	50.0		90.3	57-141				
n-Butylbenzene	49.8		"	50.0		99.6	80-130				
n-Propylbenzene	48.8		"	50.0		97.6	74-136				
o-Xylene	48.4		"	50.0		96.9	83-123				
p- & m- Xylenes	92.5		"	100		92.5	82-128				
p-Isopropyltoluene	50.1		"	50.0		100	85-125				
sec-Butylbenzene	51.6		"	50.0		103	83-125				
Styrene	45.3		"	50.0		90.7	86-126				
tert-Butyl alcohol (TBA)	60.8		"	250		24.3	70-130	Low Bias			
tert-Butylbenzene	41.5		"	50.0		83.0	80-127				
Tetrachloroethylene	49.8		"	50.0		99.5	80-129				
Toluene	47.4		"	50.0		94.8	85-121				
trans-1,2-Dichloroethylene	46.4		"	50.0		92.9	72-132				
trans-1,3-Dichloropropylene	46.5		"	50.0		93.0	78-132				
Trichloroethylene	49.1		"	50.0		98.1	84-123				
Trichlorofluoromethane	52.3		"	50.0		105	62-140				
Vinyl Chloride	52.8		"	50.0		106	52-130				
Surrogate: 1,2-Dichloroethane-d4	*46.6*		*"*	*50.0*		*93.1*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
LCS Dup (BB80359-BSD1)								Prepared & Analyzed: 02/09/2018			
1,1,1,2-Tetrachloroethane	50.4		ug/L	50.0		101	75-129		0.810	30	
1,1,1-Trichloroethane	47.6		"	50.0		95.3	71-137		0.252	30	
1,1,2,2-Tetrachloroethane	48.1		"	50.0		96.3	79-129		0.395	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.7		"	50.0		97.4	58-146		2.39	30	
1,1,2-Trichloroethane	47.1		"	50.0		94.3	83-123		2.14	30	
1,1-Dichloroethane	46.5		"	50.0		93.0	75-130		5.25	30	
1,1-Dichloroethylene	45.9		"	50.0		91.7	64-137		3.07	30	
1,2,3-Trichlorobenzene	51.8		"	50.0		104	81-140		1.55	30	
1,2,3-Trichloropropane	47.4		"	50.0		94.7	81-126		5.47	30	
1,2,4-Trichlorobenzene	53.6		"	50.0		107	80-141		1.22	30	
1,2,4-Trimethylbenzene	48.9		"	50.0		97.9	84-125		2.42	30	
1,2-Dibromo-3-chloropropane	56.2		"	50.0		112	74-142		23.1	30	
1,2-Dibromoethane	46.4		"	50.0		92.8	86-123		2.87	30	
1,2-Dichlorobenzene	48.4		"	50.0		96.8	85-122		0.0827	30	
1,2-Dichloroethane	47.7		"	50.0		95.4	71-133		0.960	30	
1,2-Dichloropropane	44.6		"	50.0		89.2	81-122		0.514	30	
1,3,5-Trimethylbenzene	47.6		"	50.0		95.3	82-126		2.10	30	
1,3-Dichlorobenzene	49.5		"	50.0		99.0	84-124		1.38	30	
1,4-Dichlorobenzene	47.8		"	50.0		95.5	84-124		2.83	30	
1,4-Dioxane	910		"	1050		86.7	10-228		1.99	30	
2-Butanone	47.0		"	50.0		93.9	58-147		6.58	30	
2-Hexanone	44.5		"	50.0		89.0	70-139		4.55	30	
4-Methyl-2-pentanone	43.9		"	50.0		87.9	72-132		1.93	30	
Acetone	36.4		"	50.0		72.8	36-155		4.78	30	
Acrolein	48.4		"	50.0		96.9	10-238		13.7	30	
Acrylonitrile	45.7		"	50.0		91.5	66-141		2.08	30	
Benzene	47.5		"	50.0		95.0	77-127		1.15	30	
Bromochloromethane	47.2		"	50.0		94.3	74-129		6.76	30	
Bromodichloromethane	47.5		"	50.0		95.0	81-124		0.253	30	
Bromoform	50.7		"	50.0		101	80-136		0.963	30	
Bromomethane	46.1		"	50.0		92.2	32-177		6.00	30	
Carbon disulfide	51.2		"	50.0		102	10-136		4.09	30	
Carbon tetrachloride	48.6		"	50.0		97.1	66-143		2.02	30	
Chlorobenzene	48.0		"	50.0		96.0	86-120		0.963	30	
Chloroethane	48.9		"	50.0		97.8	51-142		3.35	30	
Chloroform	46.4		"	50.0		92.7	76-131		2.18	30	
Chloromethane	50.2		"	50.0		100	49-132		3.44	30	
cis-1,2-Dichloroethylene	47.0		"	50.0		94.1	74-132		1.79	30	
cis-1,3-Dichloropropylene	48.3		"	50.0		96.7	81-129		1.31	30	
Cyclohexane	48.6		"	50.0		97.3	70-130		0.0822	30	
Dibromochloromethane	52.3		"	50.0		105	10-200		0.0191	30	
Dibromomethane	46.5		"	50.0		93.0	83-124		4.96	30	
Dichlorodifluoromethane	67.1		"	50.0		134	28-158		3.86	30	
Ethyl Benzene	47.9		"	50.0		95.9	84-125		0.914	30	
Hexachlorobutadiene	55.5		"	50.0		111	83-133		3.50	30	
Isopropylbenzene	48.8		"	50.0		97.7	81-127		0.226	30	
Methyl acetate	41.6		"	50.0		83.3	41-143		2.48	30	
Methyl tert-butyl ether (MTBE)	49.3		"	50.0		98.7	74-131		0.687	30	
Methylcyclohexane	47.5		"	50.0		94.9	70-130		1.91	30	
Methylene chloride	46.1		"	50.0		92.2	57-141		2.08	30	
n-Butylbenzene	48.7		"	50.0		97.4	80-130		2.25	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80359 - EPA 5035A											
LCS Dup (BB80359-BSD1)								Prepared & Analyzed: 02/09/2018			
n-Propylbenzene	48.4		ug/L	50.0		96.9	74-136		0.720	30	
o-Xylene	48.7		"	50.0		97.4	83-123		0.576	30	
p- & m- Xylenes	93.0		"	100		93.0	82-128		0.518	30	
p-Isopropyltoluene	48.7		"	50.0		97.4	85-125		2.81	30	
sec-Butylbenzene	51.3		"	50.0		103	83-125		0.602	30	
Styrene	45.8		"	50.0		91.5	86-126		0.922	30	
tert-Butyl alcohol (TBA)	61.2		"	250		24.5	70-130	Low Bias	0.574	30	
tert-Butylbenzene	40.6		"	50.0		81.3	80-127		2.09	30	
Tetrachloroethylene	46.8		"	50.0		93.6	80-129		6.13	30	
Toluene	47.6		"	50.0		95.3	85-121		0.505	30	
trans-1,2-Dichloroethylene	46.1		"	50.0		92.2	72-132		0.757	30	
trans-1,3-Dichloropropylene	47.1		"	50.0		94.2	78-132		1.30	30	
Trichloroethylene	46.9		"	50.0		93.8	84-123		4.56	30	
Trichlorofluoromethane	51.4		"	50.0		103	62-140		1.78	30	
Vinyl Chloride	52.6		"	50.0		105	52-130		0.493	30	
Surrogate: 1,2-Dichloroethane-d4	*48.0*		*"*	*50.0*		*95.9*	*77-125*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80357 - EPA 3550C											
Blank (BB80357-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared & Analyzed: 02/09/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80357 - EPA 3550C											
Blank (BB80357-BLK1)											Prepared & Analyzed: 02/09/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.77*		"	*2.55*		*69.7*	*30-108*				
Surrogate: Phenol-d5	*1.65*		"	*2.59*		*63.6*	*30-114*				
Surrogate: Nitrobenzene-d5	*1.25*		"	*1.81*		*69.2*	*30-108*				
Surrogate: 2-Fluorobiphenyl	*1.23*		"	*1.76*		*69.8*	*30-113*				
Surrogate: 2,4,6-Tribromophenol	*2.50*		"	*2.59*		*96.6*	*30-110*				
Surrogate: Terphenyl-d14	*1.17*		"	*1.69*		*69.2*	*30-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80357 - EPA 3550C											
LCS (BB80357-BS1)								Prepared & Analyzed: 02/09/2018			
1,1-Biphenyl	0.709	0.0417	mg/kg wet	0.833		85.0	70-111				
1,2,4,5-Tetrachlorobenzene	0.738	0.0833	"	0.833		88.6	70-130				
1,2-Diphenylhydrazine (as Azobenzene)	0.637	0.0417	"	0.833		76.5	17-137				
2,3,4,6-Tetrachlorophenol	1.57	0.0833	"	0.833		189	70-130	High Bias			
2,4,5-Trichlorophenol	0.706	0.0417	"	0.833		84.7	70-118				
2,4,6-Trichlorophenol	0.743	0.0417	"	0.833		89.1	70-120				
2,4-Dichlorophenol	0.673	0.0417	"	0.833		80.8	70-127				
2,4-Dimethylphenol	0.631	0.0417	"	0.833		75.7	70-130				
2,4-Dinitrophenol	1.02	0.0833	"	0.833		123	20-160				
2,4-Dinitrotoluene	0.864	0.0417	"	0.833		104	70-130				
2,6-Dinitrotoluene	0.811	0.0417	"	0.833		97.4	70-128				
2-Chloronaphthalene	0.590	0.0417	"	0.833		70.8	70-117				
2-Chlorophenol	0.646	0.0417	"	0.833		77.6	70-113				
2-Methylnaphthalene	0.661	0.0417	"	0.833		79.3	70-130				
2-Methylphenol	0.626	0.0417	"	0.833		75.1	70-130				
2-Nitroaniline	0.926	0.0833	"	0.833		111	70-130				
2-Nitrophenol	0.773	0.0417	"	0.833		92.7	70-129				
3- & 4-Methylphenols	0.555	0.0417	"	0.833		66.6	29-103				
3,3-Dichlorobenzidine	0.665	0.0417	"	0.833		79.8	70-130				
3-Nitroaniline	0.684	0.0833	"	0.833		82.1	70-130				
4,6-Dinitro-2-methylphenol	1.02	0.0833	"	0.833		122	70-130				
4-Bromophenyl phenyl ether	0.699	0.0417	"	0.833		83.9	70-120				
4-Chloro-3-methylphenol	0.625	0.0417	"	0.833		75.0	70-129				
4-Chloroaniline	0.391	0.0417	"	0.833		46.9	70-130	Low Bias			
4-Chlorophenyl phenyl ether	0.664	0.0417	"	0.833		79.6	70-124				
4-Nitroaniline	0.736	0.0833	"	0.833		88.3	70-128				
4-Nitrophenol	0.806	0.0833	"	0.833		96.7	20-141				
Acenaphthene	0.709	0.0417	"	0.833		85.1	70-121				
Acenaphthylene	0.666	0.0417	"	0.833		79.9	70-115				
Acetophenone	0.602	0.0417	"	0.833		72.2	70-112				
Aniline	0.448	0.167	"	0.833		53.7	10-119				
Anthracene	0.725	0.0417	"	0.833		87.0	70-118				
Atrazine	0.701	0.0417	"	0.833		84.1	70-112				
Benzaldehyde	0.577	0.0417	"	0.833		69.2	21-100				
Benzo(a)anthracene	0.731	0.0417	"	0.833		87.7	70-122				
Benzo(a)pyrene	0.729	0.0417	"	0.833		87.4	70-130				
Benzo(b)fluoranthene	0.704	0.0417	"	0.833		84.5	70-130				
Benzo(g,h,i)perylene	0.719	0.0417	"	0.833		86.3	70-130				
Benzo(k)fluoranthene	0.683	0.0417	"	0.833		81.9	70-128				
Benzoic acid	0.783	0.0417	"	0.967		81.0	10-140				
Benzyl alcohol	0.580	0.0417	"	0.833		69.6	30-115				
Benzyl butyl phthalate	0.766	0.0417	"	0.833		91.9	70-126				
Bis(2-chloroethoxy)methane	0.579	0.0417	"	0.833		69.5	70-130	Low Bias			
Bis(2-chloroethyl)ether	0.572	0.0417	"	0.833		68.6	70-125	Low Bias			
Bis(2-chloroisopropyl)ether	0.662	0.0417	"	0.833		79.4	70-130				
Bis(2-ethylhexyl)phthalate	0.763	0.0417	"	0.833		91.6	70-130				
Caprolactam	0.492	0.0833	"	0.833		59.0	20-127				
Carbazole	0.599	0.0417	"	0.833		71.9	70-123				
Chrysene	0.713	0.0417	"	0.833		85.6	70-123				
Dibenzo(a,h)anthracene	0.757	0.0417	"	0.833		90.8	70-130				
Dibenzofuran	0.680	0.0417	"	0.833		81.6	70-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80357 - EPA 3550C											
LCS (BB80357-BS1)								Prepared & Analyzed: 02/09/2018			
Diethyl phthalate	0.676	0.0417	mg/kg wet	0.833		81.1	70-116				
Dimethyl phthalate	0.679	0.0417	"	0.833		81.5	70-124				
Di-n-butyl phthalate	0.680	0.0417	"	0.833		81.6	70-116				
Di-n-octyl phthalate	0.790	0.0417	"	0.833		94.8	70-130				
Diphenylamine	0.770	0.0833	"	0.833		92.4	40-140				
Fluoranthene	0.689	0.0417	"	0.833		82.6	70-122				
Fluorene	0.695	0.0417	"	0.833		83.4	70-123				
Hexachlorobenzene	0.501	0.0417	"	0.833		60.1	70-124	Low Bias			
Hexachlorobutadiene	0.540	0.0417	"	0.833		64.8	70-130	Low Bias			
Hexachlorocyclopentadiene	0.504	0.0417	"	0.833		60.4	20-129				
Hexachloroethane	0.477	0.0417	"	0.833		57.3	28-108				
Indeno(1,2,3-cd)pyrene	0.715	0.0417	"	0.833		85.8	70-130				
Isophorone	0.518	0.0417	"	0.833		62.2	70-130	Low Bias			
Naphthalene	0.632	0.0417	"	0.833		75.8	70-124				
Nitrobenzene	0.555	0.0417	"	0.833		66.6	70-130	Low Bias			
N-Nitrosodimethylamine	0.474	0.0417	"	0.833		56.8	11-129				
N-nitroso-di-n-propylamine	0.564	0.0417	"	0.833		67.7	70-119	Low Bias			
N-Nitrosodiphenylamine	0.805	0.0417	"	0.833		96.6	70-130				
Pentachlorophenol	0.663	0.0417	"	0.833		79.6	20-139				
Phenanthrene	0.729	0.0417	"	0.833		87.4	70-123				
Phenol	0.617	0.0417	"	0.833		74.0	23-115				
Pyrene	0.782	0.0417	"	0.833		93.8	70-130				
Pyridine	0.429	0.167	"	0.833		51.5	10-91				
Surrogate: 2-Fluorophenol	*1.64*		"	*2.55*		*64.4*	*30-108*				
Surrogate: Phenol-d5	*1.58*		"	*2.59*		*61.0*	*30-114*				
Surrogate: Nitrobenzene-d5	*1.27*		"	*1.81*		*69.9*	*30-108*				
Surrogate: 2-Fluorobiphenyl	*1.22*		"	*1.76*		*69.3*	*30-113*				
Surrogate: 2,4,6-Tribromophenol	*2.43*		"	*2.59*		*94.1*	*30-110*				
Surrogate: Terphenyl-d14	*1.12*		"	*1.69*		*66.2*	*30-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80357 - EPA 3550C											
Blank (BB80357-BLK1)											Prepared & Analyzed: 02/09/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80300 - EPA 3550C											
Blank (BB80300-BLK1)											Prepared & Analyzed: 02/08/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0680*		*"*	*0.0697*		*97.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0605*		*"*	*0.0673*		*89.9*	*30-150*				
LCS (BB80300-BS1)											Prepared & Analyzed: 02/08/2018
4,4'-DDD	0.0358	0.000330	mg/kg wet	0.0333		107	40-140				
4,4'-DDE	0.0307	0.000330	"	0.0333		92.2	40-140				
4,4'-DDT	0.0326	0.000330	"	0.0333		97.9	40-140				
Aldrin	0.0364	0.000330	"	0.0333		109	40-140				
alpha-BHC	0.0382	0.000330	"	0.0333		114	40-140				
alpha-Chlordane	0.0334	0.000330	"	0.0333		100	40-140				
beta-BHC	0.0372	0.000330	"	0.0333		112	40-140				
delta-BHC	0.0396	0.000330	"	0.0333		119	40-140				
Dieldrin	0.0364	0.000330	"	0.0333		109	40-140				
Endosulfan I	0.0419	0.000330	"	0.0333		126	40-140				
Endosulfan II	0.0374	0.000330	"	0.0333		112	40-140				
Endosulfan sulfate	0.0365	0.000330	"	0.0333		109	40-140				
Endrin	0.0340	0.000330	"	0.0333		102	40-140				
Endrin aldehyde	0.0340	0.000330	"	0.0333		102	40-140				
Endrin ketone	0.0390	0.000330	"	0.0333		117	40-140				
gamma-BHC (Lindane)	0.0363	0.000330	"	0.0333		109	40-140				
gamma-Chlordane	0.0338	0.000330	"	0.0333		101	40-140				
Heptachlor	0.0328	0.000330	"	0.0333		98.4	40-140				
Heptachlor epoxide	0.0337	0.000330	"	0.0333		101	40-140				
Methoxychlor	0.0277	0.00165	"	0.0333		83.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0599*		*"*	*0.0697*		*86.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0631*		*"*	*0.0673*		*93.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B0908 - BL70213											
Performance Mix (Y8B0908-PEM1)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.707		"	0.00			0-200				
4,4'-DDT	160		"	200		79.8	0-200				
Endrin	133		"	100		133	0-200				
Endrin aldehyde	1.31		"	0.00			0-200				
Endrin ketone	9.71		"	0.00			0-200				
Performance Mix (Y8B0908-PEM2)								Prepared & Analyzed: 02/08/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.786		"	0.00			0-200				
4,4'-DDT	224		"	200		112	0-200				
Endrin	164		"	100		164	0-200				
Endrin aldehyde	1.81		"	0.00			0-200				
Endrin ketone	10.8		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80300 - EPA 3550C											
Blank (BB80300-BLK2)									Prepared & Analyzed: 02/08/2018		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0700*		*"*	*0.0673*		*104*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0543*		*"*	*0.0697*		*78.0*	*30-140*				
LCS (BB80300-BS2)									Prepared & Analyzed: 02/08/2018		
Aroclor 1016	0.303	0.0167	mg/kg wet	0.333		90.9	40-130				
Aroclor 1260	0.313	0.0167	"	0.333		93.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0513*		*"*	*0.0673*		*76.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0697*		*70.8*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80354 - EPA 3550B/8151A											
Blank (BB80354-BLK1)											Prepared & Analyzed: 02/09/2018
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.547*		*"*	*0.500*		*109*	*30-150*				
LCS (BB80354-BS1)											Prepared & Analyzed: 02/09/2018
2,4,5-T	0.157	0.0200	mg/kg wet	0.160		98.1	40-140				
2,4,5-TP (Silvex)	0.160	0.0200	"	0.160		100	40-140				
2,4-D	0.149	0.0200	"	0.160		93.1	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.570*		*"*	*0.500*		*114*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80306 - EPA 3050B											
Blank (BB80306-BLK1)											Prepared: 02/08/2018 Analyzed: 02/13/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.00	"								
Arsenic	ND	2.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	50.0	"								
Lead	ND	2.00	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	30.0	"								
Selenium	ND	2.00	"								
Silver	ND	0.500	"								
Sodium	1050	15.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BB80306-SRM1)											Prepared: 02/08/2018 Analyzed: 02/13/2018
Aluminum	7000	5.00	mg/kg wet	8090		86.5	49.8-149.6				
Antimony	77.6	2.00	"	99.3		78.2	0.5-207.5				
Arsenic	112	2.00	"	100		112	80.9-120				
Barium	230	1.00	"	217		106	81.6-118.4				
Beryllium	152	0.100	"	147		103	81.6-119.1				
Cadmium	91.9	0.300	"	83.7		110	81.2-118.9				
Calcium	6370	5.00	"	6010		106	80.9-119				
Chromium	111	0.500	"	107		104	77.5-121.5				
Cobalt	138	0.500	"	123		112	82.1-117.9				
Copper	194	0.500	"	166		117	80.7-118.7				
Iron	11700	50.0	"	14600		80.1	45.1-154.8				
Lead	103	2.00	"	88.4		117	81.2-118.8				
Magnesium	3190	5.00	"	2930		109	74.7-125.3				
Manganese	325	0.500	"	311		105	80.1-119.9				
Nickel	62.2	0.500	"	49.8		125	80.9-118.9	High Bias			
Potassium	2980	30.0	"	2620		114	69.1-130.9				
Selenium	102	2.00	"	87.7		116	76.1-124.3				
Silver	42.0	0.500	"	41.4		101	73.7-126.1				
Sodium	503	15.0	"	252		199	69.1-131.4	High Bias			
Thallium	59.9	1.00	"	58.1		103	77.6-122.6				
Vanadium	138	1.00	"	140		98.5	76.4-122.9				
Zinc	152	1.50	"	145		105	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80304 - EPA 7473 soil											
Blank (BB80304-BLK1)									Prepared & Analyzed: 02/08/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BB80304-SRM1)									Prepared & Analyzed: 02/08/2018		
Mercury	13.241		mg/kg	13.8		95.9	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80425 - % Solids Prep											
Duplicate (BB80425-DUP1)	*Source sample: 18B0221-01 (SB101_66-67)								Prepared & Analyzed: 02/12/2018		
% Solids	82.9	0.100	%		83.3				0.443	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80373 - EPA SW846-3060											
Blank (BB80373-BLK1)								Prepared & Analyzed: 02/09/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BB80373-SRM1)								Prepared & Analyzed: 02/09/2018			
Chromium, Hexavalent	124		mg/L	207		60.0	40.5-101.9				
Batch BB80374 - Analysis Preparation Soil											
Blank (BB80374-BLK1)								Prepared & Analyzed: 02/09/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BB80374-SRM1)								Prepared & Analyzed: 02/09/2018			
Cyanide, total	39.4		ug/mL	62.8		62.7	6.37-86				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0221-01	SB101_66-67	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES INC
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0221

YOUR Information

Company: LANGAN ENG.
Address: 300 W 35 ST 8FL NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELOL
E-Mail Address: KDELOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SNOOPE@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170364501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes

S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB101 - 06-07	02/07/18 1315	S	TCL+30 w/STSVOCs, PCBs, pest/herb, TAL Metals, Cr6, Cr3+	4x4oz jar, 2x40z

Comments

Preservation Check those Applicable

4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	02/07/18 1500		2/7/18 1500
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		J. Dale	2/7/18 - 1905

Temperature on Receipt 4.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/15/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0293

Report Date: 02/15/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0293

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 08, 2018 and listed below. The project was identified as your project: **170384501**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0293-01	EBFB04_020818	Water	02/08/2018	02/08/2018
18B0293-02	EBTB04_020818	Water	02/08/2018	02/08/2018
18B0293-05	SB117_67-68	Soil	02/08/2018	02/08/2018

General Notes for York Project (SDG) No.: 18B0293

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

Approved By:

Date: 02/15/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.00**	SCAL-E	ug/L	1.00	2.00	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/13/2018 12:00	02/13/2018 19:46	SR
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*20.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*12.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*62.0 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.5 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*77.9 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*49.5 %*	*30.7-106*

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	* Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications:			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	* Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications:			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	* Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications:			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	* Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications:			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/12/2018 08:23	02/12/2018 16:08	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/12/2018 08:23	02/13/2018 10:07	SR
								Certifications:			

Pesticides, 8081 target list

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

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0242	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00242	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0121	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0121	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0121	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00485	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.121	1	EPA 8081B	02/09/2018 08:33	02/09/2018 18:18	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0606	1	EPA 8082A	02/09/2018 08:33	02/12/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0606	1	EPA 8082A	02/09/2018 08:33	02/12/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0606	1	EPA 8082A	02/09/2018 08:33	02/12/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0606	1	EPA 8082A	02/09/2018 08:33	02/12/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0606	1	EPA 8082A	02/09/2018 08:33	02/12/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0606	1	EPA 8082A	02/09/2018 08:33	02/12/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0606	1	EPA 8082A	02/09/2018 08:33	02/12/2018 18:19	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0606	1	EPA 8082A	02/09/2018 08:33	02/12/2018 18:19	LAB
							Certifications:			

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.1 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.0 %*		*30-120*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/11/2018 05:32	02/12/2018 14:06	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/11/2018 05:32	02/12/2018 14:06	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/11/2018 05:32	02/12/2018 14:06	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*143 %*		*30-150*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.111	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00948**	B	mg/L	0.00778	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.0778	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.0100	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.0634**		mg/L	0.0556	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	ND		mg/L	1.00	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**5.71**	B	mg/L	0.111	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/12/2018 09:50	02/15/2018 00:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/12/2018 15:57	02/13/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/12/2018 15:57	02/13/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/12/2018 15:57	02/13/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/12/2018 15:57	02/13/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/12/2018 15:57	02/13/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/12/2018 15:57	02/13/2018 13:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/12/2018 11:03	02/12/2018 11:03	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/09/2018 09:59	02/09/2018 10:30	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB04_020818 **York Sample ID:** 18B0293-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:30 pm	02/08/2018

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/13/2018 12:32	02/14/2018 12:34	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/12/2018 08:08	02/12/2018 16:54	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: EBTB04_020818 **York Sample ID:** 18B0293-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:00 pm	02/08/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB04_020818 **York Sample ID:** 18B0293-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:00 pm	02/08/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB04_020818 **York Sample ID:** 18B0293-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:00 pm	02/08/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB04_020818 **York Sample ID:** 18B0293-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Water	February 8, 2018 12:00 pm	02/08/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/13/2018 12:00	02/13/2018 20:13	SR
							Certifications:			

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/12/2018 07:30	02/13/2018 04:33	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.344	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-39-4	Diphenylamine	ND		mg/kg dry	0.0860	0.172	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0431	0.0860	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.172	0.344	2	EPA 8270D	02/12/2018 13:25	02/13/2018 11:10	OW
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*71.9 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*72.4 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*92.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*70.2 %*	*21-113*

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*85.3 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*61.0 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/12/2018 13:25	02/13/2018 11:10	OW

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/12/2018 13:27	02/13/2018 17:31	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0340	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH	02/12/2018 13:27	02/13/2018 17:31	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2018 13:27	02/13/2018 17:31	SA

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	02/12/2018 13:27	02/13/2018 17:31	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	02/12/2018 13:27	02/13/2018 17:31	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	02/12/2018 13:27	02/13/2018 17:31	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	02/12/2018 13:27	02/13/2018 17:31	SA
							Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	02/12/2018 13:27	02/13/2018 17:31	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	02/12/2018 13:27	02/13/2018 17:31	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00851	5	EPA 8081B	02/12/2018 13:27	02/13/2018 17:31	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		mg/kg dry	0.0861	5	EPA 8081B	02/12/2018 13:27	02/13/2018 17:31	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	02/12/2018 13:27	02/13/2018 12:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	02/12/2018 13:27	02/13/2018 12:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	02/12/2018 13:27	02/13/2018 12:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	02/12/2018 13:27	02/13/2018 12:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	02/12/2018 13:27	02/13/2018 12:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	02/12/2018 13:27	02/13/2018 12:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	02/12/2018 13:27	02/13/2018 12:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	02/12/2018 13:27	02/13/2018 12:39	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.1 %*	*30-140*

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.6 %*			*30-140*					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0201	1	EPA 8151A	02/11/2018 05:29	02/12/2018 23:40	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0201	1	EPA 8151A	02/11/2018 05:29	02/12/2018 23:40	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0201	1	EPA 8151A	02/11/2018 05:29	02/12/2018 23:40	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*132 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4700**		mg/kg dry	5.16	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**0.546**		mg/kg dry	0.516	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.38**		mg/kg dry	1.03	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**40.2**		mg/kg dry	1.03	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.103	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.309	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**9050**		mg/kg dry	5.16	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**18.7**		mg/kg dry	0.516	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.83**		mg/kg dry	0.516	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**15.0**		mg/kg dry	0.516	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**9150**		mg/kg dry	2.06	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**9.26**		mg/kg dry	0.516	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7190**		mg/kg dry	5.16	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**288**		mg/kg dry	0.516	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**47.8**		mg/kg dry	0.516	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1630**		mg/kg dry	5.16	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.67**		mg/kg dry	1.03	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.516	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	10.3	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.03	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**14.7**		mg/kg dry	1.03	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**29.6**		mg/kg dry	1.55	1	EPA 6010C	02/09/2018 09:34	02/14/2018 01:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0309	1	EPA 7473	02/09/2018 09:37	02/09/2018 15:38	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.0**		%	0.100	1	SM 2540G	02/12/2018 14:51	02/12/2018 18:20	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

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

Sample Information

Client Sample ID: SB117_67-68 **York Sample ID:** 18B0293-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0293	170384501	Soil	February 8, 2018 11:25 am	02/08/2018

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.701**		mg/kg dry	0.516	1	EPA 7196A	02/09/2018 10:01	02/09/2018 18:04	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**18.0**		mg/kg	0.500	1	Calculation	02/14/2018 12:12	02/14/2018 12:34	PAM
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.516	1	EPA 9014/9010C	02/09/2018 10:03	02/09/2018 14:56	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BB80366 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-01	EBFB04_020818	02/09/18
18B0293-01	EBFB04_020818	02/09/18
BB80366-BLK1	Blank	02/09/18
BB80366-BLK2	Blank	02/09/18
BB80366-BS1	LCS	02/09/18
BB80366-BS2	LCS	02/09/18
BB80366-BSD1	LCS Dup	02/09/18
BB80366-BSD2	LCS Dup	02/09/18

Batch ID: BB80369 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-05	SB117_67-68	02/09/18
BB80369-BLK1	Blank	02/09/18
BB80369-SRM1	Reference	02/09/18

Batch ID: BB80371 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-05	SB117_67-68	02/09/18
BB80371-BLK1	Blank	02/09/18
BB80371-SRM1	Reference	02/09/18

Batch ID: BB80372 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-01	EBFB04_020818	02/09/18
BB80372-BLK1	Blank	02/09/18
BB80372-BS1	LCS	02/09/18
BB80372-DUP1	Duplicate	02/09/18
BB80372-MS1	Matrix Spike	02/09/18

Batch ID: BB80373 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-05	SB117_67-68	02/09/18
BB80373-BLK1	Blank	02/09/18
BB80373-SRM1	Reference	02/09/18

Batch ID: BB80374 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date

18B0293-05	SB117_67-68	02/09/18
BB80374-BLK1	Blank	02/09/18
BB80374-DUP1	Duplicate	02/09/18
BB80374-MS1	Matrix Spike	02/09/18
BB80374-SRM1	Reference	02/09/18

Batch ID: BB80403 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-01	EBFB04_020818	02/11/18
BB80403-BLK1	Blank	02/11/18
BB80403-BS1	LCS	02/11/18
BB80403-BSD1	LCS Dup	02/11/18

Batch ID: BB80405 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-05	SB117_67-68	02/11/18
BB80405-BLK1	Blank	02/11/18
BB80405-BS1	LCS	02/11/18

Batch ID: BB80412 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-01	EBFB04_020818	02/12/18
BB80412-BLK1	Blank	02/12/18
BB80412-BS1	LCS	02/12/18

Batch ID: BB80414 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-01	EBFB04_020818	02/12/18
18B0293-01	EBFB04_020818	02/12/18
BB80414-BLK1	Blank	02/12/18
BB80414-BLK2	Blank	02/12/18
BB80414-BS1	LCS	02/12/18
BB80414-BS2	LCS	02/12/18
BB80414-BSD1	LCS Dup	02/12/18

Batch ID: BB80421 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-01	EBFB04_020818	02/12/18
BB80421-BLK1	Blank	02/12/18
BB80421-DUP1	Duplicate	02/12/18
BB80421-MS1	Matrix Spike	02/12/18
BB80421-SRM1	Reference	02/12/18

Batch ID: BB80430 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-05	SB117_67-68	02/12/18
BB80430-BLK1	Blank	02/12/18
BB80430-BLK2	Blank	02/12/18
BB80430-BS1	LCS	02/12/18
BB80430-BSD1	LCS Dup	02/12/18

Batch ID: BB80436 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-01	EBFB04_020818	02/12/18
BB80436-BLK1	Blank	02/12/18
BB80436-BS1	LCS	02/12/18
BB80436-BS2	LCS	02/12/18

Batch ID: BB80447 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-05	SB117_67-68	02/12/18
18B0293-05	SB117_67-68	02/12/18
BB80447-BLK1	Blank	02/12/18
BB80447-BLK1	Blank	02/12/18
BB80447-BS1	LCS	02/12/18
BB80447-MS1	Matrix Spike	02/12/18
BB80447-MSD1	Matrix Spike Dup	02/12/18

Batch ID: BB80448 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-05	SB117_67-68	02/12/18
18B0293-05	SB117_67-68	02/12/18
BB80448-BLK1	Blank	02/12/18
BB80448-BLK2	Blank	02/12/18
BB80448-BS1	LCS	02/12/18
BB80448-BS2	LCS	02/12/18

Batch ID: BB80450 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-05	SB117_67-68	02/12/18

Batch ID: BB80454 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date

18B0293-01	EBFB04_020818	02/12/18
BB80454-BLK1	Blank	02/12/18
BB80454-BS1	LCS	02/12/18
BB80454-DUP1	Duplicate	02/12/18
BB80454-MS1	Matrix Spike	02/12/18

Batch ID: BB80476 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-01	EBFB04_020818	02/13/18
18B0293-02	EBTB04_020818	02/13/18
BB80476-BLK1	Blank	02/13/18
BB80476-BS1	LCS	02/13/18
BB80476-BSD1	LCS Dup	02/13/18

Batch ID: BB80499 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-01	EBFB04_020818	02/13/18

Batch ID: BB80559 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0293-05	SB117_67-68	02/14/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80430 - EPA 5035A											
Blank (BB80430-BLK1)											Prepared & Analyzed: 02/12/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

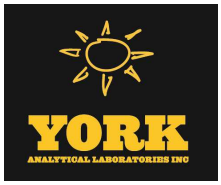
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80430 - EPA 5035A											
Blank (BB80430-BLK1)									Prepared & Analyzed: 02/12/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*52.4*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				
Blank (BB80430-BLK2)									Prepared: 02/12/2018 Analyzed: 02/13/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80430 - EPA 5035A											
Blank (BB80430-BLK2)											
Prepared: 02/12/2018 Analyzed: 02/13/2018											
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*51.9*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.7*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80430 - EPA 5035A											
LCS (BB80430-BS1)								Prepared & Analyzed: 02/12/2018			
1,1,1,2-Tetrachloroethane	50.3		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	49.8		"	50.0		99.5	71-137				
1,1,2,2-Tetrachloroethane	52.5		"	50.0		105	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.6		"	50.0		99.3	58-146				
1,1,2-Trichloroethane	48.7		"	50.0		97.4	83-123				
1,1-Dichloroethane	49.0		"	50.0		98.0	75-130				
1,1-Dichloroethylene	47.8		"	50.0		95.7	64-137				
1,2,3-Trichlorobenzene	51.0		"	50.0		102	81-140				
1,2,3-Trichloropropane	51.6		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	49.3		"	50.0		98.5	80-141				
1,2,4-Trimethylbenzene	48.8		"	50.0		97.5	84-125				
1,2-Dibromo-3-chloropropane	54.6		"	50.0		109	74-142				
1,2-Dibromoethane	49.9		"	50.0		99.8	86-123				
1,2-Dichlorobenzene	49.3		"	50.0		98.5	85-122				
1,2-Dichloroethane	49.4		"	50.0		98.8	71-133				
1,2-Dichloropropane	49.3		"	50.0		98.7	81-122				
1,3,5-Trimethylbenzene	47.7		"	50.0		95.5	82-126				
1,3-Dichlorobenzene	47.1		"	50.0		94.3	84-124				
1,4-Dichlorobenzene	47.2		"	50.0		94.5	84-124				
1,4-Dioxane	1260		"	1050		120	10-228				
2-Butanone	54.6		"	50.0		109	58-147				
2-Hexanone	51.5		"	50.0		103	70-139				
4-Methyl-2-pentanone	51.3		"	50.0		103	72-132				
Acetone	44.8		"	50.0		89.7	36-155				
Acrolein	41.6		"	50.0		83.2	10-238				
Acrylonitrile	49.6		"	50.0		99.2	66-141				
Benzene	49.0		"	50.0		97.9	77-127				
Bromochloromethane	48.8		"	50.0		97.6	74-129				
Bromodichloromethane	49.3		"	50.0		98.5	81-124				
Bromoform	51.8		"	50.0		104	80-136				
Bromomethane	47.5		"	50.0		95.1	32-177				
Carbon disulfide	55.6		"	50.0		111	10-136				
Carbon tetrachloride	50.7		"	50.0		101	66-143				
Chlorobenzene	48.6		"	50.0		97.2	86-120				
Chloroethane	53.4		"	50.0		107	51-142				
Chloroform	49.4		"	50.0		98.8	76-131				
Chloromethane	54.6		"	50.0		109	49-132				
cis-1,2-Dichloroethylene	47.9		"	50.0		95.9	74-132				
cis-1,3-Dichloropropylene	48.8		"	50.0		97.7	81-129				
Cyclohexane	49.4		"	50.0		98.8	70-130				
Dibromochloromethane	52.9		"	50.0		106	10-200				
Dibromomethane	49.4		"	50.0		98.9	83-124				
Dichlorodifluoromethane	84.5		"	50.0		169	28-158	High Bias			
Ethyl Benzene	49.4		"	50.0		98.7	84-125				
Hexachlorobutadiene	50.5		"	50.0		101	83-133				
Isopropylbenzene	48.1		"	50.0		96.2	81-127				
Methyl acetate	45.7		"	50.0		91.4	41-143				
Methyl tert-butyl ether (MTBE)	51.9		"	50.0		104	74-131				
Methylcyclohexane	48.6		"	50.0		97.2	70-130				
Methylene chloride	48.6		"	50.0		97.2	57-141				
n-Butylbenzene	49.4		"	50.0		98.8	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80430 - EPA 5035A											
LCS (BB80430-BS1)								Prepared & Analyzed: 02/12/2018			
n-Propylbenzene	48.4		ug/L	50.0		96.8	74-136				
o-Xylene	49.6		"	50.0		99.2	83-123				
p- & m- Xylenes	96.9		"	100		96.9	82-128				
p-Isopropyltoluene	49.9		"	50.0		99.8	85-125				
sec-Butylbenzene	51.3		"	50.0		103	83-125				
Styrene	48.3		"	50.0		96.5	86-126				
tert-Butyl alcohol (TBA)	309		"	250		124	70-130				
tert-Butylbenzene	48.8		"	50.0		97.6	80-127				
Tetrachloroethylene	47.0		"	50.0		94.0	80-129				
Toluene	48.6		"	50.0		97.1	85-121				
trans-1,2-Dichloroethylene	48.0		"	50.0		96.0	72-132				
trans-1,3-Dichloropropylene	48.4		"	50.0		96.8	78-132				
Trichloroethylene	49.1		"	50.0		98.2	84-123				
Trichlorofluoromethane	54.7		"	50.0		109	62-140				
Vinyl Chloride	53.7		"	50.0		107	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BB80430-BSD1)								Prepared & Analyzed: 02/12/2018			
1,1,1,2-Tetrachloroethane	50.7		ug/L	50.0		101	75-129		0.852	30	
1,1,1-Trichloroethane	49.7		"	50.0		99.4	71-137		0.121	30	
1,1,2,2-Tetrachloroethane	52.3		"	50.0		105	79-129		0.496	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.1		"	50.0		100	58-146		0.862	30	
1,1,2-Trichloroethane	49.7		"	50.0		99.4	83-123		2.05	30	
1,1-Dichloroethane	49.3		"	50.0		98.6	75-130		0.692	30	
1,1-Dichloroethylene	48.2		"	50.0		96.5	64-137		0.832	30	
1,2,3-Trichlorobenzene	48.6		"	50.0		97.2	81-140		4.82	30	
1,2,3-Trichloropropane	52.7		"	50.0		105	81-126		2.11	30	
1,2,4-Trichlorobenzene	45.4		"	50.0		90.8	80-141		8.20	30	
1,2,4-Trimethylbenzene	47.4		"	50.0		94.9	84-125		2.72	30	
1,2-Dibromo-3-chloropropane	52.5		"	50.0		105	74-142		3.96	30	
1,2-Dibromoethane	49.7		"	50.0		99.4	86-123		0.321	30	
1,2-Dichlorobenzene	48.2		"	50.0		96.3	85-122		2.28	30	
1,2-Dichloroethane	48.5		"	50.0		97.1	71-133		1.74	30	
1,2-Dichloropropane	48.3		"	50.0		96.5	81-122		2.19	30	
1,3,5-Trimethylbenzene	46.6		"	50.0		93.2	82-126		2.40	30	
1,3-Dichlorobenzene	46.6		"	50.0		93.3	84-124		1.07	30	
1,4-Dichlorobenzene	46.4		"	50.0		92.7	84-124		1.88	30	
1,4-Dioxane	1140		"	1050		108	10-228		10.1	30	
2-Butanone	53.5		"	50.0		107	58-147		2.02	30	
2-Hexanone	51.0		"	50.0		102	70-139		0.916	30	
4-Methyl-2-pentanone	51.8		"	50.0		104	72-132		0.893	30	
Acetone	44.2		"	50.0		88.3	36-155		1.55	30	
Acrolein	45.3		"	50.0		90.7	10-238		8.60	30	
Acrylonitrile	51.1		"	50.0		102	66-141		3.00	30	
Benzene	49.1		"	50.0		98.3	77-127		0.347	30	
Bromochloromethane	49.1		"	50.0		98.3	74-129		0.735	30	
Bromodichloromethane	49.4		"	50.0		98.9	81-124		0.365	30	
Bromoform	52.4		"	50.0		105	80-136		1.08	30	
Bromomethane	46.9		"	50.0		93.7	32-177		1.42	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80430 - EPA 5035A											
LCS Dup (BB80430-BSD1)								Prepared & Analyzed: 02/12/2018			
Carbon disulfide	54.7		ug/L	50.0		109	10-136		1.65	30	
Carbon tetrachloride	50.4		"	50.0		101	66-143		0.415	30	
Chlorobenzene	47.7		"	50.0		95.5	86-120		1.85	30	
Chloroethane	53.5		"	50.0		107	51-142		0.262	30	
Chloroform	49.1		"	50.0		98.2	76-131		0.650	30	
Chloromethane	55.7		"	50.0		111	49-132		2.03	30	
cis-1,2-Dichloroethylene	48.8		"	50.0		97.6	74-132		1.84	30	
cis-1,3-Dichloropropylene	48.5		"	50.0		96.9	81-129		0.781	30	
Cyclohexane	48.6		"	50.0		97.3	70-130		1.61	30	
Dibromochloromethane	53.7		"	50.0		107	10-200		1.50	30	
Dibromomethane	49.5		"	50.0		99.1	83-124		0.182	30	
Dichlorodifluoromethane	84.3		"	50.0		169	28-158	High Bias	0.213	30	
Ethyl Benzene	48.0		"	50.0		96.0	84-125		2.75	30	
Hexachlorobutadiene	49.0		"	50.0		98.0	83-133		3.06	30	
Isopropylbenzene	47.9		"	50.0		95.8	81-127		0.416	30	
Methyl acetate	45.6		"	50.0		91.3	41-143		0.0657	30	
Methyl tert-butyl ether (MTBE)	52.0		"	50.0		104	74-131		0.154	30	
Methylcyclohexane	47.4		"	50.0		94.7	70-130		2.54	30	
Methylene chloride	47.0		"	50.0		93.9	57-141		3.45	30	
n-Butylbenzene	47.0		"	50.0		93.9	80-130		5.13	30	
n-Propylbenzene	47.2		"	50.0		94.4	74-136		2.47	30	
o-Xylene	48.9		"	50.0		97.8	83-123		1.50	30	
p- & m- Xylenes	95.6		"	100		95.6	82-128		1.32	30	
p-Isopropyltoluene	49.2		"	50.0		98.3	85-125		1.49	30	
sec-Butylbenzene	50.2		"	50.0		100	83-125		2.15	30	
Styrene	47.5		"	50.0		94.9	86-126		1.69	30	
tert-Butyl alcohol (TBA)	309		"	250		124	70-130		0.159	30	
tert-Butylbenzene	49.3		"	50.0		98.7	80-127		1.10	30	
Tetrachloroethylene	46.5		"	50.0		93.0	80-129		1.13	30	
Toluene	47.8		"	50.0		95.7	85-121		1.47	30	
trans-1,2-Dichloroethylene	48.5		"	50.0		97.1	72-132		1.12	30	
trans-1,3-Dichloropropylene	48.0		"	50.0		96.1	78-132		0.726	30	
Trichloroethylene	48.9		"	50.0		97.8	84-123		0.408	30	
Trichlorofluoromethane	55.2		"	50.0		110	62-140		0.910	30	
Vinyl Chloride	54.3		"	50.0		109	52-130		1.11	30	
Surrogate: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80476 - EPA 5030B											
Blank (BB80476-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Prepared & Analyzed: 02/13/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80476 - EPA 5030B											
Blank (BB80476-BLK1)								Prepared & Analyzed: 02/13/2018			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*				
LCS (BB80476-BS1)								Prepared & Analyzed: 02/13/2018			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	9.84		"	10.0		98.4	78-136				
1,1,2,2-Tetrachloroethane	9.27		"	10.0		92.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	8.81		"	10.0		88.1	82-123				
1,1-Dichloroethane	9.22		"	10.0		92.2	82-129				
1,1-Dichloroethylene	9.18		"	10.0		91.8	68-138				
1,2,3-Trichlorobenzene	9.91		"	10.0		99.1	76-136				
1,2,3-Trichloropropane	9.20		"	10.0		92.0	77-128				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137				
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132				
1,2-Dibromo-3-chloropropane	8.72		"	10.0		87.2	45-147				
1,2-Dibromoethane	9.09		"	10.0		90.9	83-124				
1,2-Dichlorobenzene	9.90		"	10.0		99.0	79-123				
1,2-Dichloroethane	8.64		"	10.0		86.4	73-132				
1,2-Dichloropropane	8.79		"	10.0		87.9	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	293		"	210		140	10-349				
2-Butanone	9.33		"	10.0		93.3	49-152				
2-Hexanone	7.52		"	10.0		75.2	51-146				
4-Methyl-2-pentanone	7.73		"	10.0		77.3	57-145				
Acetone	6.16		"	10.0		61.6	14-150				
Acrolein	8.53		"	10.0		85.3	10-153				
Acrylonitrile	7.56		"	10.0		75.6	51-150				
Benzene	9.61		"	10.0		96.1	85-126				
Bromochloromethane	8.05		"	10.0		80.5	77-128				
Bromodichloromethane	8.89		"	10.0		88.9	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80476 - EPA 5030B											
LCS (BB80476-BS1)								Prepared & Analyzed: 02/13/2018			
Bromoform	9.74		ug/L	10.0		97.4	78-133				
Bromomethane	5.71		"	10.0		57.1	43-168				
Carbon disulfide	10.4		"	10.0		104	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	9.77		"	10.0		97.7	88-120				
Chloroethane	8.95		"	10.0		89.5	65-136				
Chloroform	9.44		"	10.0		94.4	82-128				
Chloromethane	7.84		"	10.0		78.4	43-155				
cis-1,2-Dichloroethylene	9.19		"	10.0		91.9	83-129				
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-131				
Cyclohexane	9.83		"	10.0		98.3	63-149				
Dibromochloromethane	9.60		"	10.0		96.0	80-130				
Dibromomethane	8.74		"	10.0		87.4	72-134				
Dichlorodifluoromethane	13.1		"	10.0		131	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	9.68		"	10.0		96.8	67-146				
Isopropylbenzene	11.3		"	10.0		113	76-140				
Methyl acetate	7.52		"	10.0		75.2	51-139				
Methyl tert-butyl ether (MTBE)	9.29		"	10.0		92.9	76-135				
Methylcyclohexane	10.7		"	10.0		107	72-143				
Methylene chloride	8.10		"	10.0		81.0	55-137				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.4		"	20.0		107	77-133				
p-Isopropyltoluene	11.5		"	10.0		115	81-136				
sec-Butylbenzene	11.5		"	10.0		115	79-137				
Styrene	9.78		"	10.0		97.8	67-132				
tert-Butyl alcohol (TBA)	9.31		"	50.0		18.6	25-162	Low Bias			
tert-Butylbenzene	11.2		"	10.0		112	77-138				
Tetrachloroethylene	9.87		"	10.0		98.7	82-131				
Toluene	9.98		"	10.0		99.8	80-127				
trans-1,2-Dichloroethylene	9.07		"	10.0		90.7	80-132				
trans-1,3-Dichloropropylene	9.26		"	10.0		92.6	78-131				
Trichloroethylene	9.94		"	10.0		99.4	82-128				
Trichlorofluoromethane	9.78		"	10.0		97.8	67-139				
Vinyl Chloride	9.96		"	10.0		99.6	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.49*		*"*	*10.0*		*94.9*	*69-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80476 - EPA 5030B											
LCS Dup (BB80476-BSD1)								Prepared & Analyzed: 02/13/2018			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		3.25	30	
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136		2.31	30	
1,1,2,2-Tetrachloroethane	9.97		"	10.0		99.7	76-129		7.28	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165		0.0939	30	
1,1,2-Trichloroethane	9.49		"	10.0		94.9	82-123		7.43	30	
1,1-Dichloroethane	9.56		"	10.0		95.6	82-129		3.62	30	
1,1-Dichloroethylene	9.21		"	10.0		92.1	68-138		0.326	30	
1,2,3-Trichlorobenzene	11.0		"	10.0		110	76-136		9.97	30	
1,2,3-Trichloropropane	9.77		"	10.0		97.7	77-128		6.01	30	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	76-137		7.54	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		3.54	30	
1,2-Dibromo-3-chloropropane	9.51		"	10.0		95.1	45-147		8.67	30	
1,2-Dibromoethane	9.75		"	10.0		97.5	83-124		7.01	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		1.01	30	
1,2-Dichloroethane	9.51		"	10.0		95.1	73-132		9.59	30	
1,2-Dichloropropane	8.82		"	10.0		88.2	78-126		0.341	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		4.17	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122		1.05	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		0.488	30	
1,4-Dioxane	391		"	210		186	10-349		28.6	30	
2-Butanone	8.77		"	10.0		87.7	49-152		6.19	30	
2-Hexanone	8.42		"	10.0		84.2	51-146		11.3	30	
4-Methyl-2-pentanone	8.59		"	10.0		85.9	57-145		10.5	30	
Acetone	6.20		"	10.0		62.0	14-150		0.647	30	
Acrolein	7.41		"	10.0		74.1	10-153		14.1	30	
Acrylonitrile	8.50		"	10.0		85.0	51-150		11.7	30	
Benzene	9.94		"	10.0		99.4	85-126		3.38	30	
Bromochloromethane	8.60		"	10.0		86.0	77-128		6.61	30	
Bromodichloromethane	9.17		"	10.0		91.7	79-128		3.10	30	
Bromoform	10.8		"	10.0		108	78-133		10.0	30	
Bromomethane	6.32		"	10.0		63.2	43-168		10.1	30	
Carbon disulfide	10.4		"	10.0		104	68-146		0.0957	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		2.52	30	
Chlorobenzene	10.0		"	10.0		100	88-120		2.33	30	
Chloroethane	8.90		"	10.0		89.0	65-136		0.560	30	
Chloroform	9.95		"	10.0		99.5	82-128		5.26	30	
Chloromethane	7.97		"	10.0		79.7	43-155		1.64	30	
cis-1,2-Dichloroethylene	9.48		"	10.0		94.8	83-129		3.11	30	
cis-1,3-Dichloropropylene	9.89		"	10.0		98.9	80-131		2.87	30	
Cyclohexane	9.77		"	10.0		97.7	63-149		0.612	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		7.23	30	
Dibromomethane	9.34		"	10.0		93.4	72-134		6.64	30	
Dichlorodifluoromethane	13.1		"	10.0		131	44-144		0.153	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		1.53	30	
Hexachlorobutadiene	9.93		"	10.0		99.3	67-146		2.55	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		5.38	30	
Methyl acetate	8.41		"	10.0		84.1	51-139		11.2	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		16.1	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		3.81	30	
Methylene chloride	8.41		"	10.0		84.1	55-137		3.76	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		4.75	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80476 - EPA 5030B											
LCS Dup (BB80476-BSD1)								Prepared & Analyzed: 02/13/2018			
n-Propylbenzene	10.4		ug/L	10.0		104	78-133		5.63	30	
o-Xylene	10.6		"	10.0		106	78-130		1.24	30	
p- & m- Xylenes	21.2		"	20.0		106	77-133		0.611	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		4.73	30	
sec-Butylbenzene	10.9		"	10.0		109	79-137		4.91	30	
Styrene	10.0		"	10.0		100	67-132		2.32	30	
tert-Butyl alcohol (TBA)	8.58		"	50.0		17.2	25-162	Low Bias	8.16	30	
tert-Butylbenzene	10.7		"	10.0		107	77-138		4.73	30	
Tetrachloroethylene	9.72		"	10.0		97.2	82-131		1.53	30	
Toluene	9.92		"	10.0		99.2	80-127		0.603	30	
trans-1,2-Dichloroethylene	9.16		"	10.0		91.6	80-132		0.987	30	
trans-1,3-Dichloropropylene	9.85		"	10.0		98.5	78-131		6.17	30	
Trichloroethylene	9.71		"	10.0		97.1	82-128		2.34	30	
Trichlorofluoromethane	9.68		"	10.0		96.8	67-139		1.03	30	
Vinyl Chloride	9.77		"	10.0		97.7	58-145		1.93	30	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80414 - EPA 3510C											
Blank (BB80414-BLK1)											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								

Prepared & Analyzed: 02/12/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80414 - EPA 3510C											
Blank (BB80414-BLK1)											Prepared & Analyzed: 02/12/2018
Dibenzofuran	ND	5.00	ug/L								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: 2-Fluorophenol	*21.6*		"	*77.4*		*28.0*	*19.7-63.1*				
Surrogate: Phenol-d5	*13.1*		"	*73.8*		*17.7*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*35.9*		"	*51.6*		*69.5*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*29.6*		"	*50.2*		*58.9*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*65.7*		"	*77.2*		*85.1*	*39.3-151*				
Surrogate: Terphenyl-d14	*33.5*		"	*51.0*		*65.7*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80414 - EPA 3510C											
Blank (BB80414-BLK2)										Prepared & Analyzed: 02/12/2018	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BB80414-BS1)										Prepared & Analyzed: 02/12/2018	
1,1-Biphenyl	16.2	5.00	ug/L	25.0		64.6	33-95				
1,2,4,5-Tetrachlorobenzene	19.6	5.00	"	25.0		78.5	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	17.8	5.00	"	25.0		71.3	16-141				
2,3,4,6-Tetrachlorophenol	19.2	5.00	"	25.0		77.0	30-130				
2,4,5-Trichlorophenol	19.2	5.00	"	25.0		76.7	32-114				
2,4,6-Trichlorophenol	18.3	5.00	"	25.0		73.0	35-118				
2,4-Dichlorophenol	18.8	5.00	"	25.0		75.2	25-116				
2,4-Dimethylphenol	16.2	5.00	"	25.0		64.7	15-116				
2,4-Dinitrophenol	19.2	5.00	"	25.0		76.9	10-170				
2,4-Dinitrotoluene	19.8	5.00	"	25.0		79.3	41-128				
2,6-Dinitrotoluene	19.3	5.00	"	25.0		77.2	45-116				
2-Chloronaphthalene	15.9	5.00	"	25.0		63.5	33-112				
2-Chlorophenol	14.6	5.00	"	25.0		58.5	15-120				
2-Methylnaphthalene	18.2	5.00	"	25.0		72.7	24-118				
2-Methylphenol	11.4	5.00	"	25.0		45.8	10-110				
2-Nitroaniline	18.3	5.00	"	25.0		73.2	34-129				
2-Nitrophenol	17.6	5.00	"	25.0		70.4	28-118				
3- & 4-Methylphenols	10.1	5.00	"	25.0		40.3	10-107				
3,3-Dichlorobenzidine	22.7	5.00	"	25.0		90.7	15-187				
3-Nitroaniline	17.1	5.00	"	25.0		68.5	24-134				
4,6-Dinitro-2-methylphenol	20.1	5.00	"	25.0		80.5	10-153				
4-Bromophenyl phenyl ether	22.7	5.00	"	25.0		90.9	34-120				
4-Chloro-3-methylphenol	18.0	5.00	"	25.0		71.8	20-120				
4-Chloroaniline	11.3	5.00	"	25.0		45.2	10-147				
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		82.0	27-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

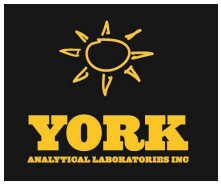
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80414 - EPA 3510C											
LCS (BB80414-BS1)								Prepared & Analyzed: 02/12/2018			
4-Nitroaniline	18.2	5.00	ug/L	25.0		72.6	13-134				
4-Nitrophenol	10.3	5.00	"	25.0		41.0	10-131				
Acenaphthene	16.8	0.0500	"	25.0		67.3	25-116				
Acenaphthylene	16.0	0.0500	"	25.0		64.1	26-116				
Acetophenone	15.3	5.00	"	25.0		61.2	25-110				
Aniline	7.34	5.00	"	25.0		29.4	10-117				
Anthracene	20.6	0.0500	"	25.0		82.4	25-123				
Benzaldehyde	15.5	5.00	"	25.0		62.2	29-117				
Benzo(a)anthracene	21.3	0.0500	"	25.0		85.1	33-125				
Benzo(a)pyrene	22.5	0.0500	"	25.0		90.1	32-132				
Benzo(b)fluoranthene	22.1	0.0500	"	25.0		88.5	22-137				
Benzo(g,h,i)perylene	22.5	0.0500	"	25.0		89.9	10-138				
Benzo(k)fluoranthene	22.2	0.0500	"	25.0		88.9	20-137				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	11.0	5.00	"	25.0		43.9	10-117				
Benzyl butyl phthalate	18.8	5.00	"	25.0		75.1	29-133				
Bis(2-chloroethoxy)methane	17.4	5.00	"	25.0		69.7	10-154				
Bis(2-chloroethyl)ether	13.3	5.00	"	25.0		53.0	17-125				
Bis(2-chloroisopropyl)ether	16.9	5.00	"	25.0		67.6	10-139				
Bis(2-ethylhexyl)phthalate	19.0	0.500	"	25.0		75.9	10-189				
Caprolactam	3.10	5.00	"	25.0		12.4	10-137				
Carbazole	23.4	5.00	"	25.0		93.6	42-126				
Chrysene	20.7	0.0500	"	25.0		82.7	32-124				
Dibenzo(a,h)anthracene	21.1	0.0500	"	25.0		84.5	16-133				
Dibenzofuran	20.4	5.00	"	25.0		81.7	36-113				
Diethyl phthalate	20.0	5.00	"	25.0		79.9	38-115				
Dimethyl phthalate	19.5	5.00	"	25.0		78.0	38-129				
Di-n-butyl phthalate	19.7	5.00	"	25.0		79.0	31-120				
Di-n-octyl phthalate	19.8	5.00	"	25.0		79.3	21-149				
Diphenylamine	23.1	5.00	"	25.0		92.3	40-140				
Fluoranthene	21.8	0.0500	"	25.0		87.2	32-121				
Fluorene	19.2	0.0500	"	25.0		76.6	28-118				
Hexachlorobenzene	20.8	0.0200	"	25.0		83.2	23-124				
Hexachlorobutadiene	19.0	0.500	"	25.0		75.9	15-123				
Hexachlorocyclopentadiene	12.8	10.0	"	25.0		51.4	10-130				
Hexachloroethane	15.6	0.500	"	25.0		62.2	18-115				
Indeno(1,2,3-cd)pyrene	21.5	0.0500	"	25.0		86.0	15-135				
Isophorone	17.9	5.00	"	25.0		71.8	25-127				
Naphthalene	16.4	0.0500	"	25.0		65.6	18-120				
Nitrobenzene	17.3	0.250	"	25.0		69.3	21-121				
N-Nitrosodimethylamine	6.90	0.500	"	25.0		27.6	10-124				
N-nitroso-di-n-propylamine	17.3	5.00	"	25.0		69.4	26-122				
N-Nitrosodiphenylamine	23.6	5.00	"	25.0		94.6	23-149				
Pentachlorophenol	25.7	0.250	"	25.0		103	10-156				
Phenanthrene	20.3	0.0500	"	25.0		81.1	24-127				
Phenol	5.21	5.00	"	25.0		20.8	10-110				
Pyrene	18.7	0.0500	"	25.0		74.7	31-132				
Pyridine	3.91	5.00	"	25.0		15.6	10-90				
Surrogate: 2-Fluorophenol	*23.6*		*"*	*77.4*		*30.5*	*19.7-63.1*				
Surrogate: Phenol-d5	*14.2*		*"*	*73.8*		*19.2*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*36.4*		*"*	*51.6*		*70.6*	*50.2-113*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80414 - EPA 3510C											
LCS (BB80414-BS1)								Prepared & Analyzed: 02/12/2018			
Surrogate: 2-Fluorobiphenyl	*32.8*		*ug/L*	*50.2*		*65.3*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*80.8*		*"*	*77.2*		*105*	*39.3-151*				
Surrogate: Terphenyl-d14	*32.6*		*"*	*51.0*		*64.0*	*30.7-106*				
LCS (BB80414-BS2)								Prepared & Analyzed: 02/12/2018			
Acenaphthene	0.710	0.0500	ug/L	1.00		71.0	25-116				
Acenaphthylene	0.740	0.0500	"	1.00		74.0	26-116				
Anthracene	0.870	0.0500	"	1.00		87.0	25-123				
Benzo(a)anthracene	0.930	0.0500	"	1.00		93.0	33-125				
Benzo(a)pyrene	0.970	0.0500	"	1.00		97.0	32-132				
Benzo(b)fluoranthene	0.960	0.0500	"	1.00		96.0	22-137				
Benzo(g,h,i)perylene	1.00	0.0500	"	1.00		100	10-138				
Benzo(k)fluoranthene	0.950	0.0500	"	1.00		95.0	20-137				
Bis(2-ethylhexyl)phthalate	0.830	0.500	"	1.00		83.0	10-189				
Chrysene	0.860	0.0500	"	1.00		86.0	32-124				
Dibenzo(a,h)anthracene	0.980	0.0500	"	1.00		98.0	16-133				
Fluoranthene	0.930	0.0500	"	1.00		93.0	32-121				
Fluorene	0.800	0.0500	"	1.00		80.0	28-118				
Hexachlorobenzene	1.12	0.0200	"	1.00		112	23-124				
Hexachlorobutadiene	0.700	0.500	"	1.00		70.0	15-123				
Hexachloroethane	0.560	0.500	"	1.00		56.0	18-115				
Indeno(1,2,3-cd)pyrene	0.960	0.0500	"	1.00		96.0	15-135				
Naphthalene	0.800	0.0500	"	1.00		80.0	18-120				
Nitrobenzene	1.03	0.250	"	1.00		103	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.520	0.250	"	1.00		52.0	10-156				
Phenanthrene	0.830	0.0500	"	1.00		83.0	24-127				
Pyrene	0.910	0.0500	"	1.00		91.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

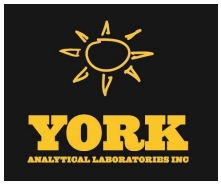
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80414 - EPA 3510C											
LCS Dup (BB80414-BSD1)							Prepared & Analyzed: 02/12/2018				
1,1-Biphenyl	15.7	5.00	ug/L	25.0		62.9	33-95		2.76	20	
1,2,4,5-Tetrachlorobenzene	19.1	5.00	"	25.0		76.5	26-120		2.58	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.5	5.00	"	25.0		69.9	16-141		1.93	20	
2,3,4,6-Tetrachlorophenol	47.7	5.00	"	25.0		191	30-130	High Bias	85.1	20	Non-dir.
2,4,5-Trichlorophenol	18.8	5.00	"	25.0		75.1	32-114		2.16	20	
2,4,6-Trichlorophenol	18.2	5.00	"	25.0		72.6	35-118		0.604	20	
2,4-Dichlorophenol	19.0	5.00	"	25.0		76.2	25-116		1.27	20	
2,4-Dimethylphenol	16.2	5.00	"	25.0		64.7	15-116		0.00	20	
2,4-Dinitrophenol	19.5	5.00	"	25.0		78.1	10-170		1.55	20	
2,4-Dinitrotoluene	19.6	5.00	"	25.0		78.2	41-128		1.42	20	
2,6-Dinitrotoluene	18.5	5.00	"	25.0		74.0	45-116		4.29	20	
2-Chloronaphthalene	15.6	5.00	"	25.0		62.4	33-112		1.78	20	
2-Chlorophenol	14.9	5.00	"	25.0		59.5	15-120		1.69	20	
2-Methylnaphthalene	18.4	5.00	"	25.0		73.6	24-118		1.26	20	
2-Methylphenol	11.4	5.00	"	25.0		45.6	10-110		0.525	20	
2-Nitroaniline	17.7	5.00	"	25.0		70.8	34-129		3.22	20	
2-Nitrophenol	17.6	5.00	"	25.0		70.6	28-118		0.341	20	
3- & 4-Methylphenols	10.2	5.00	"	25.0		40.8	10-107		1.18	20	
3,3-Dichlorobenzidine	23.3	5.00	"	25.0		93.2	15-187		2.70	20	
3-Nitroaniline	15.4	5.00	"	25.0		61.8	24-134		10.3	20	
4,6-Dinitro-2-methylphenol	20.4	5.00	"	25.0		81.6	10-153		1.38	20	
4-Bromophenyl phenyl ether	22.4	5.00	"	25.0		89.6	34-120		1.51	20	
4-Chloro-3-methylphenol	17.8	5.00	"	25.0		71.3	20-120		0.726	20	
4-Chloroaniline	11.8	5.00	"	25.0		47.3	10-147		4.50	20	
4-Chlorophenyl phenyl ether	20.0	5.00	"	25.0		79.9	27-121		2.57	20	
4-Nitroaniline	14.9	5.00	"	25.0		59.5	13-134		19.9	20	
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias		20	
Acenaphthene	16.2	0.0500	"	25.0		65.0	25-116		3.45	20	
Acenaphthylene	15.8	0.0500	"	25.0		63.2	26-116		1.45	20	
Acetophenone	15.8	5.00	"	25.0		63.2	25-110		3.28	20	
Aniline	6.99	5.00	"	25.0		28.0	10-117		4.88	20	
Anthracene	19.5	0.0500	"	25.0		78.0	25-123		5.49	20	
Benzaldehyde	15.9	5.00	"	25.0		63.7	29-117		2.42	20	
Benzo(a)anthracene	21.3	0.0500	"	25.0		85.2	33-125		0.0939	20	
Benzo(a)pyrene	22.8	0.0500	"	25.0		91.1	32-132		1.10	20	
Benzo(b)fluoranthene	21.9	0.0500	"	25.0		87.6	22-137		0.954	20	
Benzo(g,h,i)perylene	22.4	0.0500	"	25.0		89.6	10-138		0.312	20	
Benzo(k)fluoranthene	22.0	0.0500	"	25.0		88.2	20-137		0.768	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	10.8	5.00	"	25.0		43.2	10-117		1.65	20	
Benzyl butyl phthalate	18.8	5.00	"	25.0		75.1	29-133		0.0533	20	
Bis(2-chloroethoxy)methane	17.2	5.00	"	25.0		69.0	10-154		1.04	20	
Bis(2-chloroethyl)ether	13.7	5.00	"	25.0		54.6	17-125		2.97	20	
Bis(2-chloroisopropyl)ether	17.9	5.00	"	25.0		71.7	10-139		5.91	20	
Bis(2-ethylhexyl)phthalate	19.1	0.500	"	25.0		76.4	10-189		0.683	20	
Caprolactam	2.99	5.00	"	25.0		12.0	10-137		3.61	20	
Carbazole	23.3	5.00	"	25.0		93.3	42-126		0.300	20	
Chrysene	20.7	0.0500	"	25.0		82.9	32-124		0.193	20	
Dibenzo(a,h)anthracene	21.5	0.0500	"	25.0		86.1	16-133		1.88	20	
Dibenzofuran	17.6	5.00	"	25.0		70.5	36-113		14.7	20	
Diethyl phthalate	19.5	5.00	"	25.0		78.0	38-115		2.38	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80414 - EPA 3510C											
LCS Dup (BB80414-BSD1)								Prepared & Analyzed: 02/12/2018			
Dimethyl phthalate	18.9	5.00	ug/L	25.0		75.6	38-129		3.07	20	
Di-n-butyl phthalate	19.9	5.00	"	25.0		79.6	31-120		0.757	20	
Di-n-octyl phthalate	19.6	5.00	"	25.0		78.6	21-149		0.912	20	
Diphenylamine	22.5	5.00	"	25.0		90.2	40-140		2.37	20	
Fluoranthene	21.6	0.0500	"	25.0		86.6	32-121		0.737	20	
Fluorene	18.9	0.0500	"	25.0		75.8	28-118		1.15	20	
Hexachlorobenzene	20.7	0.0200	"	25.0		82.6	23-124		0.627	20	
Hexachlorobutadiene	19.2	0.500	"	25.0		76.8	15-123		1.26	20	
Hexachlorocyclopentadiene	13.7	10.0	"	25.0		54.7	10-130		6.26	20	
Hexachloroethane	16.3	0.500	"	25.0		65.1	18-115		4.53	20	
Indeno(1,2,3-cd)pyrene	17.8	0.0500	"	25.0		71.4	15-135		18.6	20	
Isophorone	17.9	5.00	"	25.0		71.6	25-127		0.167	20	
Naphthalene	16.6	0.0500	"	25.0		66.2	18-120		0.971	20	
Nitrobenzene	17.4	0.250	"	25.0		69.8	21-121		0.690	20	
N-Nitrosodimethylamine	6.94	0.500	"	25.0		27.8	10-124		0.578	20	
N-nitroso-di-n-propylamine	18.3	5.00	"	25.0		73.2	26-122		5.44	20	
N-Nitrosodiphenylamine	23.4	5.00	"	25.0		93.4	23-149		1.28	20	
Pentachlorophenol	26.0	0.250	"	25.0		104	10-156		1.24	20	
Phenanthrene	20.0	0.0500	"	25.0		79.8	24-127		1.59	20	
Phenol	5.20	5.00	"	25.0		20.8	10-110		0.192	20	
Pyrene	19.3	0.0500	"	25.0		77.1	31-132		3.11	20	
Pyridine	ND	5.00	"	25.0			10-90	Low Bias		20	
Surrogate: 2-Fluorophenol	*23.3*		*"*	*77.4*		*30.1*	*19.7-63.1*				
Surrogate: Phenol-d5	*14.0*		*"*	*73.8*		*19.0*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*35.8*		*"*	*51.6*		*69.4*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*31.2*		*"*	*50.2*		*62.1*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*75.4*		*"*	*77.2*		*97.7*	*39.3-151*				
Surrogate: Terphenyl-d14	*31.4*		*"*	*51.0*		*61.5*	*30.7-106*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80447 - EPA 3550C											
Blank (BB80447-BLK1)											
Prepared: 02/12/2018 Analyzed: 02/13/2018											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80447 - EPA 3550C											
Blank (BB80447-BLK1)											
Prepared: 02/12/2018 Analyzed: 02/13/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.07*		"	*2.55*		*81.4*	*20-108*				
Surrogate: Phenol-d5	*2.15*		"	*2.59*		*82.8*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.78*		"	*1.81*		*97.9*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.38*		"	*1.76*		*78.4*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.48*		"	*2.59*		*95.9*	*19-110*				
Surrogate: Terphenyl-d14	*1.15*		"	*1.69*		*68.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

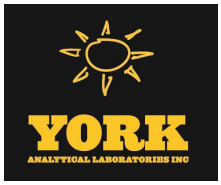
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80447 - EPA 3550C											
LCS (BB80447-BS1)								Prepared: 02/12/2018 Analyzed: 02/13/2018			
1,1-Biphenyl	0.690	0.0417	mg/kg wet	0.833		82.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.813	0.0833	"	0.833		97.6	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.615	0.0417	"	0.833		73.8	17-137				
2,3,4,6-Tetrachlorophenol	0.572	0.0833	"	0.833		68.6	30-130				
2,4,5-Trichlorophenol	0.760	0.0417	"	0.833		91.2	27-118				
2,4,6-Trichlorophenol	0.765	0.0417	"	0.833		91.8	31-120				
2,4-Dichlorophenol	0.754	0.0417	"	0.833		90.5	20-127				
2,4-Dimethylphenol	0.670	0.0417	"	0.833		80.4	14-132				
2,4-Dinitrophenol	0.681	0.0833	"	0.833		81.8	10-171				
2,4-Dinitrotoluene	0.720	0.0417	"	0.833		86.4	34-131				
2,6-Dinitrotoluene	0.658	0.0417	"	0.833		79.0	31-128				
2-Chloronaphthalene	0.574	0.0417	"	0.833		68.9	31-117				
2-Chlorophenol	0.629	0.0417	"	0.833		75.5	33-113				
2-Methylnaphthalene	0.768	0.0417	"	0.833		92.2	12-138				
2-Methylphenol	0.628	0.0417	"	0.833		75.4	10-136				
2-Nitroaniline	0.673	0.0833	"	0.833		80.8	27-132				
2-Nitrophenol	0.740	0.0417	"	0.833		88.8	17-129				
3- & 4-Methylphenols	0.565	0.0417	"	0.833		67.8	29-103				
3,3-Dichlorobenzidine	0.565	0.0417	"	0.833		67.8	22-149				
3-Nitroaniline	0.501	0.0833	"	0.833		60.1	20-133				
4,6-Dinitro-2-methylphenol	0.768	0.0833	"	0.833		92.1	10-143				
4-Bromophenyl phenyl ether	0.670	0.0417	"	0.833		80.4	29-120				
4-Chloro-3-methylphenol	0.802	0.0417	"	0.833		96.2	24-129				
4-Chloroaniline	0.347	0.0417	"	0.833		41.6	10-132				
4-Chlorophenyl phenyl ether	0.708	0.0417	"	0.833		85.0	27-124				
4-Nitroaniline	0.620	0.0833	"	0.833		74.4	16-128				
4-Nitrophenol	0.736	0.0833	"	0.833		88.3	10-141				
Acenaphthene	0.669	0.0417	"	0.833		80.3	30-121				
Acenaphthylene	0.612	0.0417	"	0.833		73.5	30-115				
Acetophenone	0.641	0.0417	"	0.833		76.9	20-112				
Aniline	0.418	0.167	"	0.833		50.1	10-119				
Anthracene	0.671	0.0417	"	0.833		80.5	34-118				
Atrazine	0.754	0.0417	"	0.833		90.5	26-112				
Benzaldehyde	0.681	0.0417	"	0.833		81.8	21-100				
Benzo(a)anthracene	0.729	0.0417	"	0.833		87.5	32-122				
Benzo(a)pyrene	0.748	0.0417	"	0.833		89.7	29-133				
Benzo(b)fluoranthene	0.677	0.0417	"	0.833		81.2	25-133				
Benzo(g,h,i)perylene	0.702	0.0417	"	0.833		84.2	10-143				
Benzo(k)fluoranthene	0.657	0.0417	"	0.833		78.8	25-128				
Benzoic acid	0.555	0.0417	"	0.967		57.4	10-140				
Benzyl alcohol	0.624	0.0417	"	0.833		74.8	30-115				
Benzyl butyl phthalate	0.780	0.0417	"	0.833		93.6	26-126				
Bis(2-chloroethoxy)methane	0.771	0.0417	"	0.833		92.6	19-132				
Bis(2-chloroethyl)ether	0.633	0.0417	"	0.833		75.9	19-125				
Bis(2-chloroisopropyl)ether	0.598	0.0417	"	0.833		71.8	20-135				
Bis(2-ethylhexyl)phthalate	0.773	0.0417	"	0.833		92.7	10-155				
Caprolactam	0.781	0.0833	"	0.833		93.7	10-127				
Carbazole	0.547	0.0417	"	0.833		65.6	35-123				
Chrysene	0.653	0.0417	"	0.833		78.4	32-123				
Dibenzo(a,h)anthracene	0.737	0.0417	"	0.833		88.4	10-136				
Dibenzofuran	0.668	0.0417	"	0.833		80.2	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80447 - EPA 3550C											
LCS (BB80447-BS1)									Prepared: 02/12/2018 Analyzed: 02/13/2018		
Diethyl phthalate	0.636	0.0417	mg/kg wet	0.833		76.4	34-116				
Dimethyl phthalate	0.663	0.0417	"	0.833		79.5	35-124				
Di-n-butyl phthalate	0.648	0.0417	"	0.833		77.8	31-116				
Di-n-octyl phthalate	0.776	0.0417	"	0.833		93.1	26-136				
Diphenylamine	0.816	0.0833	"	0.833		97.9	40-140				
Fluoranthene	0.682	0.0417	"	0.833		81.8	33-122				
Fluorene	0.652	0.0417	"	0.833		78.2	29-123				
Hexachlorobenzene	0.475	0.0417	"	0.833		57.0	21-124				
Hexachlorobutadiene	0.645	0.0417	"	0.833		77.4	10-149				
Hexachlorocyclopentadiene	0.249	0.0417	"	0.833		29.9	10-129				
Hexachloroethane	0.545	0.0417	"	0.833		65.4	28-108				
Indeno(1,2,3-cd)pyrene	0.715	0.0417	"	0.833		85.8	10-135				
Isophorone	0.664	0.0417	"	0.833		79.7	20-132				
Naphthalene	0.697	0.0417	"	0.833		83.7	23-124				
Nitrobenzene	0.628	0.0417	"	0.833		75.4	13-132				
N-Nitrosodimethylamine	0.560	0.0417	"	0.833		67.2	11-129				
N-nitroso-di-n-propylamine	0.693	0.0417	"	0.833		83.2	24-119				
N-Nitrosodiphenylamine	0.863	0.0417	"	0.833		104	22-152				
Pentachlorophenol	0.458	0.0417	"	0.833		55.0	10-139				
Phenanthrene	0.683	0.0417	"	0.833		82.0	33-123				
Phenol	0.588	0.0417	"	0.833		70.5	23-115				
Pyrene	0.728	0.0417	"	0.833		87.4	32-130				
Pyridine	0.503	0.167	"	0.833		60.4	10-91				
Surrogate: 2-Fluorophenol	*1.75*		"	*2.55*		*68.7*	*20-108*				
Surrogate: Phenol-d5	*1.83*		"	*2.59*		*70.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.59*		"	*1.81*		*87.4*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.27*		"	*1.76*		*72.2*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.23*		"	*2.59*		*86.1*	*19-110*				
Surrogate: Terphenyl-d14	*1.11*		"	*1.69*		*65.8*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80447 - EPA 3550C											
Matrix Spike (BB80447-MS1)	*Source sample: 18B0293-05 (SB117_67-68)							Prepared: 02/12/2018 Analyzed: 02/13/2018			
1,1-Biphenyl	0.648	0.0857	mg/kg dry	0.857	ND	75.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.767	0.171	"	0.857	ND	89.5	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.575	0.0857	"	0.857	ND	67.1	10-144				
2,3,4,6-Tetrachlorophenol	0.385	0.171	"	0.857	ND	45.0	30-130				
2,4,5-Trichlorophenol	0.674	0.0857	"	0.857	ND	78.6	10-127				
2,4,6-Trichlorophenol	0.624	0.0857	"	0.857	ND	72.9	10-132				
2,4-Dichlorophenol	0.659	0.0857	"	0.857	ND	76.9	10-128				
2,4-Dimethylphenol	0.574	0.0857	"	0.857	ND	67.0	10-137				
2,4-Dinitrophenol	ND	0.171	"	0.857	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.602	0.0857	"	0.857	ND	70.3	16-135				
2,6-Dinitrotoluene	0.576	0.0857	"	0.857	ND	67.2	18-131				
2-Chloronaphthalene	0.507	0.0857	"	0.857	ND	59.2	10-129				
2-Chlorophenol	0.604	0.0857	"	0.857	ND	70.5	15-116				
2-Methylnaphthalene	0.684	0.0857	"	0.857	ND	79.8	10-147				
2-Methylphenol	0.637	0.0857	"	0.857	ND	74.3	10-136				
2-Nitroaniline	0.622	0.171	"	0.857	ND	72.6	10-137				
2-Nitrophenol	0.637	0.0857	"	0.857	ND	74.3	10-129				
3- & 4-Methylphenols	0.558	0.0857	"	0.857	ND	65.1	10-123				
3,3-Dichlorobenzidine	0.524	0.0857	"	0.857	ND	61.2	10-155				
3-Nitroaniline	0.538	0.171	"	0.857	ND	62.8	12-133				
4,6-Dinitro-2-methylphenol	0.347	0.171	"	0.857	ND	40.6	10-155				
4-Bromophenyl phenyl ether	0.641	0.0857	"	0.857	ND	74.8	14-128				
4-Chloro-3-methylphenol	0.739	0.0857	"	0.857	ND	86.3	10-134				
4-Chloroaniline	0.386	0.0857	"	0.857	ND	45.0	10-145				
4-Chlorophenyl phenyl ether	0.584	0.0857	"	0.857	ND	68.2	14-130				
4-Nitroaniline	0.540	0.171	"	0.857	ND	63.0	10-147				
4-Nitrophenol	0.620	0.171	"	0.857	ND	72.4	10-137				
Acenaphthene	0.604	0.0857	"	0.857	ND	70.5	10-146				
Acenaphthylene	0.574	0.0857	"	0.857	ND	67.0	10-134				
Acetophenone	0.624	0.0857	"	0.857	ND	72.8	10-116				
Aniline	0.365	0.343	"	0.857	ND	42.6	10-123				
Anthracene	0.624	0.0857	"	0.857	ND	72.9	10-142				
Atrazine	0.723	0.0857	"	0.857	ND	84.4	19-115				
Benzaldehyde	0.705	0.0857	"	0.857	ND	82.3	10-125				
Benzo(a)anthracene	0.706	0.0857	"	0.857	ND	82.5	10-158				
Benzo(a)pyrene	0.736	0.0857	"	0.857	ND	85.9	10-180				
Benzo(b)fluoranthene	0.695	0.0857	"	0.857	ND	81.1	10-200				
Benzo(g,h,i)perylene	0.678	0.0857	"	0.857	ND	79.2	10-138				
Benzo(k)fluoranthene	0.609	0.0857	"	0.857	ND	71.1	10-197				
Benzoic acid	ND	0.0857	"	0.994	ND		10-166	Low Bias			
Benzyl alcohol	0.576	0.0857	"	0.857	ND	67.2	12-124				
Benzyl butyl phthalate	0.761	0.0857	"	0.857	ND	88.8	10-154				
Bis(2-chloroethoxy)methane	0.666	0.0857	"	0.857	ND	77.8	10-132				
Bis(2-chloroethyl)ether	0.640	0.0857	"	0.857	ND	74.7	10-119				
Bis(2-chloroisopropyl)ether	0.535	0.0857	"	0.857	ND	62.5	10-139				
Bis(2-ethylhexyl)phthalate	0.735	0.0857	"	0.857	ND	85.8	10-167				
Caprolactam	0.405	0.171	"	0.857	ND	47.3	10-132				
Carbazole	0.530	0.0857	"	0.857	ND	61.9	10-167				
Chrysene	0.627	0.0857	"	0.857	ND	73.2	10-156				
Dibenzo(a,h)anthracene	0.657	0.0857	"	0.857	ND	76.7	10-137				
Dibenzofuran	0.591	0.0857	"	0.857	ND	69.0	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80447 - EPA 3550C											
Matrix Spike (BB80447-MS1)	*Source sample: 18B0293-05 (SB117_67-68)								Prepared: 02/12/2018 Analyzed: 02/13/2018		
Diethyl phthalate	0.595	0.0857	mg/kg dry	0.857	ND	69.5	20-120				
Dimethyl phthalate	0.637	0.0857	"	0.857	ND	74.3	18-131				
Di-n-butyl phthalate	0.608	0.0857	"	0.857	ND	71.0	10-137				
Di-n-octyl phthalate	0.735	0.0857	"	0.857	ND	85.8	10-180				
Diphenylamine	0.750	0.171	"	0.857	ND	87.6	40-140				
Fluoranthene	0.642	0.0857	"	0.857	ND	75.0	10-160				
Fluorene	0.593	0.0857	"	0.857	ND	69.3	10-157				
Hexachlorobenzene	0.506	0.0857	"	0.857	ND	59.0	10-137				
Hexachlorobutadiene	0.632	0.0857	"	0.857	ND	73.8	10-132				
Hexachlorocyclopentadiene	0.150	0.0857	"	0.857	ND	17.5	10-106				
Hexachloroethane	0.517	0.0857	"	0.857	ND	60.4	10-110				
Indeno(1,2,3-cd)pyrene	0.670	0.0857	"	0.857	ND	78.2	10-144				
Isophorone	0.585	0.0857	"	0.857	ND	68.3	10-132				
Naphthalene	0.621	0.0857	"	0.857	ND	72.5	10-141				
Nitrobenzene	0.604	0.0857	"	0.857	ND	70.6	10-131				
N-Nitrosodimethylamine	0.572	0.0857	"	0.857	ND	66.7	10-126				
N-nitroso-di-n-propylamine	0.676	0.0857	"	0.857	ND	79.0	10-125				
N-Nitrosodiphenylamine	0.745	0.0857	"	0.857	ND	87.0	10-177				
Pentachlorophenol	0.148	0.0857	"	0.857	ND	17.3	10-153				
Phenanthrene	0.635	0.0857	"	0.857	ND	74.2	10-148				
Phenol	0.558	0.0857	"	0.857	ND	65.2	10-126				
Pyrene	0.662	0.0857	"	0.857	ND	77.3	10-165				
Pyridine	0.405	0.343	"	0.857	ND	47.3	10-83				
Surrogate: 2-Fluorophenol	*1.65*		"	*2.62*		*63.2*	*20-108*				
Surrogate: Phenol-d5	*1.72*		"	*2.66*		*64.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.48*		"	*1.86*		*79.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.14*		"	*1.81*		*63.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.92*		"	*2.66*		*72.1*	*19-110*				
Surrogate: Terphenyl-d14	*1.01*		"	*1.73*		*58.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80447 - EPA 3550C											
Matrix Spike Dup (BB80447-MSD1)	*Source sample: 18B0293-05 (SB117_67-68)								Prepared: 02/12/2018 Analyzed: 02/13/2018		
1,1-Biphenyl	0.658	0.0857	mg/kg dry	0.857	ND	76.8	10-130		1.57	30	
1,2,4,5-Tetrachlorobenzene	0.774	0.171	"	0.857	ND	90.3	10-133		0.890	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.623	0.0857	"	0.857	ND	72.7	10-144		8.01	30	
2,3,4,6-Tetrachlorophenol	0.476	0.171	"	0.857	ND	55.5	30-130		21.0	30	
2,4,5-Trichlorophenol	0.715	0.0857	"	0.857	ND	83.5	10-127		6.02	30	
2,4,6-Trichlorophenol	0.698	0.0857	"	0.857	ND	81.4	10-132		11.1	30	
2,4-Dichlorophenol	0.750	0.0857	"	0.857	ND	87.6	10-128		13.0	30	
2,4-Dimethylphenol	0.723	0.0857	"	0.857	ND	84.4	10-137		23.0	30	
2,4-Dinitrophenol	0.156	0.171	"	0.857	ND	18.2	10-171			30	
2,4-Dinitrotoluene	0.728	0.0857	"	0.857	ND	85.0	16-135		18.9	30	
2,6-Dinitrotoluene	0.650	0.0857	"	0.857	ND	75.8	18-131		12.1	30	
2-Chloronaphthalene	0.559	0.0857	"	0.857	ND	65.3	10-129		9.77	30	
2-Chlorophenol	0.650	0.0857	"	0.857	ND	75.9	15-116		7.43	30	
2-Methylnaphthalene	0.739	0.0857	"	0.857	ND	86.2	10-147		7.71	30	
2-Methylphenol	0.667	0.0857	"	0.857	ND	77.8	10-136		4.63	30	
2-Nitroaniline	0.654	0.171	"	0.857	ND	76.3	10-137		5.05	30	
2-Nitrophenol	0.811	0.0857	"	0.857	ND	94.6	10-129		24.1	30	
3- & 4-Methylphenols	0.583	0.0857	"	0.857	ND	68.1	10-123		4.44	30	
3,3-Dichlorobenzidine	0.575	0.0857	"	0.857	ND	67.1	10-155		9.23	30	
3-Nitroaniline	0.593	0.171	"	0.857	ND	69.3	12-133		9.81	30	
4,6-Dinitro-2-methylphenol	0.456	0.171	"	0.857	ND	53.2	10-155		27.0	30	
4-Bromophenyl phenyl ether	0.652	0.0857	"	0.857	ND	76.2	14-128		1.80	30	
4-Chloro-3-methylphenol	0.799	0.0857	"	0.857	ND	93.3	10-134		7.75	30	
4-Chloroaniline	0.451	0.0857	"	0.857	ND	52.6	10-145		15.6	30	
4-Chlorophenyl phenyl ether	0.685	0.0857	"	0.857	ND	80.0	14-130		16.0	30	
4-Nitroaniline	0.567	0.171	"	0.857	ND	66.2	10-147		4.95	30	
4-Nitrophenol	0.609	0.171	"	0.857	ND	71.0	10-137		1.90	30	
Acenaphthene	0.638	0.0857	"	0.857	ND	74.5	10-146		5.52	30	
Acenaphthylene	0.567	0.0857	"	0.857	ND	66.2	10-134		1.20	30	
Acetophenone	0.671	0.0857	"	0.857	ND	78.3	10-116		7.31	30	
Aniline	0.418	0.343	"	0.857	ND	48.8	10-123		13.7	30	
Anthracene	0.667	0.0857	"	0.857	ND	77.9	10-142		6.68	30	
Atrazine	0.770	0.0857	"	0.857	ND	89.8	19-115		6.24	30	
Benzaldehyde	0.711	0.0857	"	0.857	ND	83.0	10-125		0.871	30	
Benzo(a)anthracene	0.769	0.0857	"	0.857	ND	89.8	10-158		8.45	30	
Benzo(a)pyrene	0.802	0.0857	"	0.857	ND	93.7	10-180		8.64	30	
Benzo(b)fluoranthene	0.755	0.0857	"	0.857	ND	88.2	10-200		8.32	30	
Benzo(g,h,i)perylene	0.722	0.0857	"	0.857	ND	84.2	10-138		6.17	30	
Benzo(k)fluoranthene	0.725	0.0857	"	0.857	ND	84.6	10-197		17.4	30	
Benzoic acid	ND	0.0857	"	0.994	ND		10-166	Low Bias		30	
Benzyl alcohol	0.661	0.0857	"	0.857	ND	77.2	12-124		13.9	30	
Benzyl butyl phthalate	0.850	0.0857	"	0.857	ND	99.3	10-154		11.1	30	
Bis(2-chloroethoxy)methane	0.805	0.0857	"	0.857	ND	94.0	10-132		18.9	30	
Bis(2-chloroethyl)ether	0.665	0.0857	"	0.857	ND	77.7	10-119		3.88	30	
Bis(2-chloroisopropyl)ether	0.654	0.0857	"	0.857	ND	76.4	10-139		20.0	30	
Bis(2-ethylhexyl)phthalate	0.820	0.0857	"	0.857	ND	95.7	10-167		10.9	30	
Caprolactam	0.454	0.171	"	0.857	ND	53.0	10-132		11.5	30	
Carbazole	0.577	0.0857	"	0.857	ND	67.4	10-167		8.42	30	
Chrysene	0.682	0.0857	"	0.857	ND	79.6	10-156		8.38	30	
Dibenzo(a,h)anthracene	0.719	0.0857	"	0.857	ND	83.9	10-137		8.96	30	
Dibenzofuran	0.626	0.0857	"	0.857	ND	73.0	10-147		5.75	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80447 - EPA 3550C											
Matrix Spike Dup (BB80447-MSD1)	*Source sample: 18B0293-05 (SB117_67-68)								Prepared: 02/12/2018 Analyzed: 02/13/2018		
Diethyl phthalate	0.619	0.0857	mg/kg dry	0.857	ND	72.3	20-120		3.95	30	
Dimethyl phthalate	0.648	0.0857	"	0.857	ND	75.7	18-131		1.81	30	
Di-n-butyl phthalate	0.672	0.0857	"	0.857	ND	78.5	10-137		10.1	30	
Di-n-octyl phthalate	0.791	0.0857	"	0.857	ND	92.3	10-180		7.27	30	
Diphenylamine	0.796	0.171	"	0.857	ND	92.9	40-140		5.85	30	
Fluoranthene	0.702	0.0857	"	0.857	ND	82.0	10-160		8.97	30	
Fluorene	0.636	0.0857	"	0.857	ND	74.2	10-157		6.91	30	
Hexachlorobenzene	0.564	0.0857	"	0.857	ND	65.8	10-137		10.9	30	
Hexachlorobutadiene	0.650	0.0857	"	0.857	ND	75.8	10-132		2.78	30	
Hexachlorocyclopentadiene	0.149	0.0857	"	0.857	ND	17.4	10-106		0.458	30	
Hexachloroethane	0.601	0.0857	"	0.857	ND	70.2	10-110		15.0	30	
Indeno(1,2,3-cd)pyrene	0.722	0.0857	"	0.857	ND	84.2	10-144		7.39	30	
Isophorone	0.689	0.0857	"	0.857	ND	80.4	10-132		16.2	30	
Naphthalene	0.699	0.0857	"	0.857	ND	81.6	10-141		11.8	30	
Nitrobenzene	0.704	0.0857	"	0.857	ND	82.2	10-131		15.2	30	
N-Nitrosodimethylamine	0.602	0.0857	"	0.857	ND	70.2	10-126		5.14	30	
N-nitroso-di-n-propylamine	0.720	0.0857	"	0.857	ND	84.0	10-125		6.19	30	
N-Nitrosodiphenylamine	0.795	0.0857	"	0.857	ND	92.8	10-177		6.50	30	
Pentachlorophenol	0.187	0.0857	"	0.857	ND	21.8	10-153		23.3	30	
Phenanthrene	0.685	0.0857	"	0.857	ND	80.0	10-148		7.58	30	
Phenol	0.609	0.0857	"	0.857	ND	71.0	10-126		8.57	30	
Pyrene	0.733	0.0857	"	0.857	ND	85.6	10-165		10.2	30	
Pyridine	0.401	0.343	"	0.857	ND	46.8	10-83		1.02	30	
Surrogate: 2-Fluorophenol	*1.79*		"	*2.62*		*68.3*	*20-108*				
Surrogate: Phenol-d5	*1.94*		"	*2.66*		*73.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.67*		"	*1.86*		*89.5*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.24*		"	*1.81*		*68.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.13*		"	*2.66*		*80.0*	*19-110*				
Surrogate: Terphenyl-d14	*1.09*		"	*1.73*		*63.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80447 - EPA 3550C											
Blank (BB80447-BLK1)											Prepared: 02/12/2018 Analyzed: 02/13/2018
propyl benzaldehyde isomer	200		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80366 - EPA SW846-3510C Low Level											
Blank (BB80366-BLK1)								Prepared & Analyzed: 02/09/2018			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.143*		*"*	*0.209*		*68.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.133*		*"*	*0.202*		*65.8*	*30-150*				
LCS (BB80366-BS1)								Prepared & Analyzed: 02/09/2018			
4,4'-DDD	0.0922	0.00400	ug/L	0.100		92.2	40-140				
4,4'-DDE	0.0847	0.00400	"	0.100		84.7	40-140				
4,4'-DDT	0.0881	0.00400	"	0.100		88.1	40-140				
Aldrin	0.0684	0.00400	"	0.100		68.4	40-140				
alpha-BHC	0.0720	0.00400	"	0.100		72.0	40-140				
alpha-Chlordane	0.0714	0.00400	"	0.100		71.4	40-140				
beta-BHC	0.0817	0.00400	"	0.100		81.7	40-140				
delta-BHC	0.0650	0.00400	"	0.100		65.0	40-140				
Dieldrin	0.0806	0.00200	"	0.100		80.6	40-140				
Endosulfan I	0.0812	0.00400	"	0.100		81.2	40-140				
Endosulfan II	0.0841	0.00400	"	0.100		84.1	40-140				
Endosulfan sulfate	0.0874	0.00400	"	0.100		87.4	40-140				
Endrin	0.0907	0.00400	"	0.100		90.7	40-140				
Endrin aldehyde	0.0909	0.0100	"	0.100		90.9	40-140				
Endrin ketone	0.0997	0.0100	"	0.100		99.7	40-140				
gamma-BHC (Lindane)	0.0721	0.00400	"	0.100		72.1	40-140				
gamma-Chlordane	0.0743	0.0100	"	0.100		74.3	40-140				
Heptachlor	0.0700	0.00400	"	0.100		70.0	40-140				
Heptachlor epoxide	0.0758	0.00400	"	0.100		75.8	40-140				
Methoxychlor	0.0918	0.00400	"	0.100		91.8	40-140				
Surrogate: Decachlorobiphenyl	*0.152*		*"*	*0.209*		*72.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.126*		*"*	*0.202*		*62.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80366 - EPA SW846-3510C Low Level											
LCS Dup (BB80366-BSD1)								Prepared & Analyzed: 02/09/2018			
4,4'-DDD	0.0894	0.00400	ug/L	0.100		89.4	40-140		3.08	20	
4,4'-DDE	0.0818	0.00400	"	0.100		81.8	40-140		3.50	20	
4,4'-DDT	0.0900	0.00400	"	0.100		90.0	40-140		2.18	20	
Aldrin	0.0667	0.00400	"	0.100		66.7	40-140		2.49	20	
alpha-BHC	0.0715	0.00400	"	0.100		71.5	40-140		0.720	20	
alpha-Chlordane	0.0672	0.00400	"	0.100		67.2	40-140		6.08	20	
beta-BHC	0.0797	0.00400	"	0.100		79.7	40-140		2.46	20	
delta-BHC	0.0627	0.00400	"	0.100		62.7	40-140		3.64	20	
Dieldrin	0.0775	0.00200	"	0.100		77.5	40-140		4.02	20	
Endosulfan I	0.0759	0.00400	"	0.100		75.9	40-140		6.68	20	
Endosulfan II	0.0863	0.00400	"	0.100		86.3	40-140		2.59	20	
Endosulfan sulfate	0.0902	0.00400	"	0.100		90.2	40-140		3.12	20	
Endrin	0.0801	0.00400	"	0.100		80.1	40-140		12.4	20	
Endrin aldehyde	0.0903	0.0100	"	0.100		90.3	40-140		0.674	20	
Endrin ketone	0.100	0.0100	"	0.100		100	40-140		0.300	20	
gamma-BHC (Lindane)	0.0707	0.00400	"	0.100		70.7	40-140		1.91	20	
gamma-Chlordane	0.0650	0.0100	"	0.100		65.0	40-140		13.5	20	
Heptachlor	0.0673	0.00400	"	0.100		67.3	40-140		3.96	20	
Heptachlor epoxide	0.0661	0.00400	"	0.100		66.1	40-140		13.6	20	
Methoxychlor	0.0947	0.00400	"	0.100		94.7	40-140		3.11	20	
Surrogate: Decachlorobiphenyl	*0.144*		*"*	*0.209*		*68.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.125*		*"*	*0.202*		*61.9*	*30-150*				
Batch BB80448 - EPA 3550C											
Blank (BB80448-BLK1)								Prepared: 02/12/2018 Analyzed: 02/13/2018			
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0702*		*"*	*0.0697*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0742*		*"*	*0.0673*		*110*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80448 - EPA 3550C											
LCS (BB80448-BS1)											Prepared: 02/12/2018 Analyzed: 02/13/2018
4,4'-DDD	0.0375	0.000330	mg/kg wet	0.0333		112	40-140				
4,4'-DDE	0.0363	0.000330	"	0.0333		109	40-140				
4,4'-DDT	0.0365	0.000330	"	0.0333		109	40-140				
Aldrin	0.0360	0.000330	"	0.0333		108	40-140				
alpha-BHC	0.0374	0.000330	"	0.0333		112	40-140				
alpha-Chlordane	0.0346	0.000330	"	0.0333		104	40-140				
beta-BHC	0.0379	0.000330	"	0.0333		114	40-140				
delta-BHC	0.0406	0.000330	"	0.0333		122	40-140				
Dieldrin	0.0361	0.000330	"	0.0333		108	40-140				
Endosulfan I	0.0384	0.000330	"	0.0333		115	40-140				
Endosulfan II	0.0356	0.000330	"	0.0333		107	40-140				
Endosulfan sulfate	0.0362	0.000330	"	0.0333		109	40-140				
Endrin	0.0396	0.000330	"	0.0333		119	40-140				
Endrin aldehyde	0.0352	0.000330	"	0.0333		106	40-140				
Endrin ketone	0.0353	0.000330	"	0.0333		106	40-140				
gamma-BHC (Lindane)	0.0365	0.000330	"	0.0333		110	40-140				
gamma-Chlordane	0.0351	0.000330	"	0.0333		105	40-140				
Heptachlor	0.0318	0.000330	"	0.0333		95.5	40-140				
Heptachlor epoxide	0.0337	0.000330	"	0.0333		101	40-140				
Methoxychlor	0.0347	0.00165	"	0.0333		104	40-140				
Surrogate: Decachlorobiphenyl	*0.0641*		*"*	*0.0697*		*92.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0572*		*"*	*0.0673*		*85.0*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)											Prepared & Analyzed: 11/27/2017
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B1401 - BL70213											
Performance Mix (Y8B1401-PEM1)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.913		"	0.00			0-200				
4,4'-DDT	169		"	200		84.6	0-200				
Endrin	109		"	100		109	0-200				
Endrin aldehyde	0.577		"	0.00			0-200				
Endrin ketone	2.01		"	0.00			0-200				
Performance Mix (Y8B1401-PEM2)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.517		"	0.00			0-200				
4,4'-DDT	242		"	200		121	0-200				
Endrin	142		"	100		142	0-200				
Endrin aldehyde	0.578		"	0.00			0-200				
Endrin ketone	2.95		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80366 - EPA SW846-3510C Low Level											
Blank (BB80366-BLK2)								Prepared & Analyzed: 02/09/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.205*		*"*	*0.202*		*101*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.187*		*"*	*0.209*		*89.5*	*30-120*				
LCS (BB80366-BS2)								Prepared & Analyzed: 02/09/2018			
Aroclor 1016	0.980	0.0500	ug/L	1.00		98.0	40-120				
Aroclor 1260	1.17	0.0500	"	1.00		117	40-120				
Surrogate: Tetrachloro-m-xylene	*0.141*		*"*	*0.202*		*69.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.166*		*"*	*0.209*		*79.4*	*30-120*				
LCS Dup (BB80366-BSD2)								Prepared & Analyzed: 02/09/2018			
Aroclor 1016	1.03	0.0500	ug/L	1.00		103	40-120		4.61	30	
Aroclor 1260	1.22	0.0500	"	1.00		122	40-120	High Bias	4.41	30	
Surrogate: Tetrachloro-m-xylene	*0.143*		*"*	*0.202*		*70.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.167*		*"*	*0.209*		*79.9*	*30-120*				
Batch BB80448 - EPA 3550C											
Blank (BB80448-BLK2)								Prepared: 02/12/2018 Analyzed: 02/13/2018			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0677*		*"*	*0.0673*		*100*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0587*		*"*	*0.0697*		*84.2*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80448 - EPA 3550C											
LCS (BB80448-BS2)									Prepared: 02/12/2018 Analyzed: 02/13/2018		
Aroclor 1016	0.383	0.0167	mg/kg wet	0.333		115	40-130				
Aroclor 1260	0.377	0.0167	"	0.333		113	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0680*		*"*	*0.0673*		*101*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0610*		*"*	*0.0697*		*87.6*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80403 - EPA 3535A											
Blank (BB80403-BLK1)									Prepared: 02/11/2018 Analyzed: 02/12/2018		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*134*		*"*	*125*		*107*	*30-150*				
LCS (BB80403-BS1)									Prepared: 02/11/2018 Analyzed: 02/12/2018		
2,4,5-T	37.0	5.00	ug/L	40.0		92.5	40-140				
2,4,5-TP (Silvex)	38.5	5.00	"	40.0		96.2	40-140				
2,4-D	35.8	5.00	"	40.0		89.4	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*136*		*"*	*125*		*109*	*30-150*				
LCS Dup (BB80403-BSD1)									Prepared: 02/11/2018 Analyzed: 02/12/2018		
2,4,5-T	40.0	5.00	ug/L	40.0		100	40-140		7.79	30	
2,4,5-TP (Silvex)	40.8	5.00	"	40.0		102	40-140		5.68	30	
2,4-D	38.2	5.00	"	40.0		95.6	40-140		6.76	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*145*		*"*	*125*		*116*	*30-150*				
Batch BB80405 - EPA 3550B/8151A											
Blank (BB80405-BLK1)									Prepared: 02/11/2018 Analyzed: 02/12/2018		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.741*		*"*	*0.500*		*148*	*30-150*				
LCS (BB80405-BS1)									Prepared: 02/11/2018 Analyzed: 02/12/2018		
2,4,5-T	0.163	0.0200	mg/kg wet	0.160		102	40-140				
2,4,5-TP (Silvex)	0.176	0.0200	"	0.160		110	40-140				
2,4-D	0.179	0.0200	"	0.160		112	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.614*		*"*	*0.500*		*123*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80369 - EPA 3050B											
Blank (BB80369-BLK1)											Prepared: 02/09/2018 Analyzed: 02/12/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BB80369-SRM1)											Prepared: 02/09/2018 Analyzed: 02/12/2018
Aluminum	6090	5.00	mg/kg wet	8090		75.2	49.8-149.6				
Antimony	91.9	0.500	"	99.3		92.5	0.5-207.5				
Arsenic	97.5	1.00	"	100		97.5	80.9-120				
Barium	203	1.00	"	217		93.7	81.6-118.4				
Beryllium	141	0.100	"	147		95.6	81.6-119.1				
Cadmium	84.4	0.300	"	83.7		101	81.2-118.9				
Calcium	5790	5.00	"	6010		96.3	80.9-119				
Chromium	105	0.500	"	107		98.0	77.5-121.5				
Cobalt	129	0.500	"	123		105	82.1-117.9				
Copper	165	0.500	"	166		99.5	80.7-118.7				
Iron	9490	2.00	"	14600		65.0	45.1-154.8				
Lead	83.4	0.500	"	88.4		94.4	81.2-118.8				
Magnesium	2480	5.00	"	2930		84.6	74.7-125.3				
Manganese	294	0.500	"	311		94.4	80.1-119.9				
Nickel	54.9	0.500	"	49.8		110	80.9-118.9				
Potassium	2150	5.00	"	2620		81.9	69.1-130.9				
Selenium	90.1	1.00	"	87.7		103	76.1-124.3				
Silver	37.4	0.500	"	41.4		90.2	73.7-126.1				
Sodium	212	10.0	"	252		84.0	69.1-131.4				
Thallium	55.1	1.00	"	58.1		94.8	77.6-122.6				
Vanadium	128	1.00	"	140		91.3	76.4-122.9				
Zinc	134	1.50	"	145		92.3	82.1-117.9				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80421 - EPA 3015A											
Blank (BB80421-BLK1)										Prepared: 02/12/2018 Analyzed: 02/14/2018	
Aluminum	0.0935	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	0.00647	0.00556	"								
Iron	0.0628	0.0222	"								
Lead	0.00760	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	0.856	0.0556	"								
Silver	ND	0.00556	"								
Sodium	30.4	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Duplicate (BB80421-DUP1)	*Source sample: 18B0293-01 (EBFB04_020818)									Prepared: 02/12/2018 Analyzed: 02/15/2018	
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	ND	0.0111	"		ND					20	
Calcium	ND	0.0556	"		ND					20	
Chromium	ND	0.00556	"		ND					20	
Copper	0.00850	0.00556	"		0.00948				10.9	20	
Iron	ND	0.0222	"		ND					20	
Lead	0.0121	0.00556	"		0.00822					20	
Magnesium	0.133	0.0556	"		0.0634				71.1	20	Non-dir.
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.00556	"		ND					20	
Potassium	0.282	0.0556	"		0.534					20	
Silver	ND	0.00556	"		ND					20	
Sodium	4.05	0.111	"		5.71				34.1	20	Non-dir.
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0167	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80421 - EPA 3015A											
Matrix Spike (BB80421-MS1)	*Source sample: 18B0293-01 (EBFB04_020818)									Prepared: 02/12/2018 Analyzed: 02/15/2018	
Barium	2.35	0.0111	mg/L	2.22	ND	106	75-125				
Chromium	0.225	0.00556	"	0.222	ND	101	75-125				
Copper	0.386	0.00556	"	0.278	0.00948	135	75-125	High Bias			
Iron	1.10	0.0222	"	1.11	ND	99.4	75-125				
Lead	0.572	0.00556	"	0.556	0.00822	101	75-125				
Manganese	0.563	0.00556	"	0.556	ND	101	75-125				
Nickel	0.607	0.00556	"	0.556	ND	109	75-125				
Silver	0.0509	0.00556	"	0.0556	ND	91.7	75-125				
Vanadium	0.546	0.0111	"	0.556	ND	98.3	75-125				
Zinc	0.533	0.0167	"	0.556	ND	95.9	75-125				
Reference (BB80421-SRM1)										Prepared: 02/12/2018 Analyzed: 02/15/2018	
Aluminum	0.884		ug/mL	0.720		123	81.4-117.2	High Bias			
Barium	0.518		"	0.500		104	85-115				
Calcium	27.5		"	33.0		83.2	86.5-114.3	Low Bias			
Chromium	0.840		"	0.860		97.6	85-115				
Copper	0.337		"	0.320		105	85-115				
Iron	1.35		"	1.40		96.7	84.9-115				
Lead	0.615		"	0.640		96.1	85-115				
Magnesium	69.2		"	80.1		86.3	86.3-114.8				
Manganese	1.02		"	1.02		100	84.9-115				
Nickel	1.75		"	1.78		98.5	87-113.7				
Potassium	9.67		"	10.3		93.8	84.9-115				
Silver	0.597		"	0.600		99.5	85-115				
Sodium	42.1		"	22.7		186	85-115	High Bias			
Vanadium	1.58		"	1.66		95.3	85-114.9				
Zinc	1.35		"	1.62		83.0	84.9-115	Low Bias			

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80454 - EPA 3015A											
Blank (BB80454-BLK1)											Prepared: 02/12/2018 Analyzed: 02/13/2018
Antimony	0.00119	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB80454-BS1)											Prepared: 02/12/2018 Analyzed: 02/13/2018
Antimony	49.7		ug/L	50.0		99.5	80-120				
Arsenic	40.8		"	50.0		81.6	80-120				
Beryllium	42.2		"	50.0		84.3	80-120				
Cadmium	45.5		"	50.0		91.1	80-120				
Selenium	39.6		"	50.0		79.3	80-120	Low Bias			
Thallium	51.9		"	50.0		104	80-120				
Duplicate (BB80454-DUP1)	*Source sample: 18B0293-01 (EBFB04_020818)										Prepared: 02/12/2018 Analyzed: 02/13/2018
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	ND	0.00111	"		ND					20	
Beryllium	ND	0.00111	"		ND					20	
Cadmium	ND	0.00111	"		ND					20	
Selenium	ND	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB80454-MS1)	*Source sample: 18B0293-01 (EBFB04_020818)										Prepared: 02/12/2018 Analyzed: 02/13/2018
Antimony	48.6		ug/L	50.0	0.248	96.7	75-125				
Arsenic	40.6		"	50.0	-0.791	81.2	75-125				
Beryllium	39.9		"	50.0	-0.007	79.8	75-125				
Cadmium	43.9		"	50.0	0.010	87.8	75-125				
Selenium	38.5		"	50.0	-0.106	77.0	75-125				
Thallium	49.1		"	50.0	0.131	98.0	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80371 - EPA 7473 soil											
Blank (BB80371-BLK1)								Prepared & Analyzed: 02/09/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BB80371-SRM1)								Prepared & Analyzed: 02/09/2018			
Mercury	11.564		mg/kg	13.8		83.8	57.1-143.5				
Batch BB80436 - EPA SW846-7470											
Blank (BB80436-BLK1)								Prepared & Analyzed: 02/12/2018			
Mercury	ND	0.0002	mg/L								
LCS (BB80436-BS1)								Prepared & Analyzed: 02/12/2018			
Mercury	0.001899	0.0002	mg/L	0.00200		95.0	80-120				
LCS (BB80436-BS2)								Prepared & Analyzed: 02/12/2018			
Mercury	0.001981	0.0002	mg/L	0.00200		99.0	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80372 - Analysis Preparation											
Blank (BB80372-BLK1)									Prepared & Analyzed: 02/09/2018		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB80372-BS1)									Prepared & Analyzed: 02/09/2018		
Chromium, Hexavalent	0.482	0.0100	mg/L	0.500		96.4	80-120				
Duplicate (BB80372-DUP1)	*Source sample: 18B0293-01 (EBFB04_020818)								Prepared & Analyzed: 02/09/2018		
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BB80372-MS1)	*Source sample: 18B0293-01 (EBFB04_020818)								Prepared & Analyzed: 02/09/2018		
Chromium, Hexavalent	0.525	0.0100	mg/L	0.500	ND	105	75-125				
Batch BB80373 - EPA SW846-3060											
Blank (BB80373-BLK1)									Prepared & Analyzed: 02/09/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BB80373-SRM1)									Prepared & Analyzed: 02/09/2018		
Chromium, Hexavalent	124		mg/L	207		60.0	40.5-101.9				
Batch BB80374 - Analysis Preparation Soil											
Blank (BB80374-BLK1)									Prepared & Analyzed: 02/09/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BB80374-DUP1)	*Source sample: 18B0293-05 (SB117_67-68)								Prepared & Analyzed: 02/09/2018		
Cyanide, total	ND	0.516	mg/kg dry		ND					15	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80374 - Analysis Preparation Soil											
Matrix Spike (BB80374-MS1)	*Source sample: 18B0293-05 (SB117_67-68)										Prepared & Analyzed: 02/09/2018
Cyanide, total	8.29	0.516	mg/kg dry	10.3	ND	80.3	79.6-107				
Reference (BB80374-SRM1)											Prepared & Analyzed: 02/09/2018
Cyanide, total	39.4		ug/mL	62.8		62.7	6.37-86				
Batch BB80412 - Analysis Preparation											
Blank (BB80412-BLK1)											Prepared & Analyzed: 02/12/2018
Cyanide, total	ND	0.0100	mg/L								
LCS (BB80412-BS1)											Prepared & Analyzed: 02/12/2018
Cyanide, total	0.170	0.0100	mg/L	0.200		85.0	76.2-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0293-01	EBFB04_020818	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0293-02	EBTB04_020818	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0293-05	SB117_67-68	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 18B0293

YOUR Information

Company: LANGAN ENGINEERING
Address: 300 W 31ST ST 8FL
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DEL COL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKENDOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes

S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
EBFB04-020818	02/08/18 1230	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	3x40mL, 4x250mL, 6x1000mL
EBTB04-020818	02/08/18	S	TCL+30 VOCs	3x40mL
SB117-29-30	02/08/18 0930	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB117-39-40	02/08/18 0950	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz
SB117-67-68	02/08/18 1125	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	4x40mL, 2x8oz
SB117-68-70	02/08/18 1130	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	4x40mL, 2x8oz

Comments

Preservation Check those Applicable

4°C X Frozen ___ HCl X MeOH X HNO_3 ___ H_2SO_4 ___ NaOH X
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time 02/09/18 1430
Samples Relinquished By — Date/Time

Samples Received By — Date/Time 2/8/18 1430
Samples Received in LAB by TC Fuller — Date/Time 2/8/18 1953

Temperature on Receipt 4.9 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/16/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0372

Report Date: 02/16/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0372

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 09, 2018 and listed below. The project was identified as your project: **170384501**.

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

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0372-01	SB-118_0-2	Soil	02/09/2018	02/09/2018
18B0372-04	SB-118_15-17	Soil	02/09/2018	02/09/2018
18B0372-07	SB-118_43-45	Soil	02/09/2018	02/09/2018
18B0372-08	SB-118_67-69	Soil	02/09/2018	02/09/2018

General Notes for York Project (SDG) No.: 18B0372

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/16/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0055	0.011	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.0028**	J	mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.011**	SCAL-E	mg/kg dry	0.0055	0.011	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.0056**		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.014**	J	mg/kg dry	0.0083	0.017	1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/13/2018 12:17	02/13/2018 15:33	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.270	0.540	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.270	0.540	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.277**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.284**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.223**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.169**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.242**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.113**	J	mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.284**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.135	0.269	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.433**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.162**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.164**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.459**		mg/kg dry	0.0676	0.135	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.270	0.540	2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*79.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*79.1 %*	*23-114*

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*77.5 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*75.7 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*101 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*71.2 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**unknown PAH**	**647**	N	ug/kg dry			2	EPA 8270D	02/13/2018 04:23	02/13/2018 19:58	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00317**		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00187**		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.0162**		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**0.00269**		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**0.0101**		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00912	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0923	5	EPA 8081B	02/13/2018 04:49	02/14/2018 16:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:27	LAB
							Certifications:			

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.3 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	02/15/2018 04:21	02/15/2018 16:30	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	02/15/2018 04:21	02/15/2018 16:30	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	02/15/2018 04:21	02/15/2018 16:30	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*167 %*	S-HI	*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8740**		mg/kg dry	5.53	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.553	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.55**		mg/kg dry	1.11	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**79.8**		mg/kg dry	1.11	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.273**		mg/kg dry	0.111	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.796**		mg/kg dry	0.332	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**28900**		mg/kg dry	5.53	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**28.0**		mg/kg dry	0.553	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.13**		mg/kg dry	0.553	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**30.7**		mg/kg dry	0.553	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13500**		mg/kg dry	2.21	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**77.2**		mg/kg dry	0.553	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4870**		mg/kg dry	5.53	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**299**		mg/kg dry	0.553	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**29.4**		mg/kg dry	0.553	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1300**	B	mg/kg dry	5.53	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**3.59**		mg/kg dry	1.11	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.553	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**571**		mg/kg dry	11.1	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.6**		mg/kg dry	1.11	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**135**		mg/kg dry	1.66	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0742**		mg/kg dry	0.0332	1	EPA 7473	02/12/2018 09:01	02/12/2018 18:34	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	1	SM 2540G	02/15/2018 17:25	02/16/2018 11:34	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-118_0-2 **York Sample ID:** 18B0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 7:45 am	02/09/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.553	1	EPA 7196A	02/13/2018 11:18	02/13/2018 18:21	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**28.0**		mg/kg	0.500	1	Calculation	02/16/2018 11:46	02/16/2018 17:27	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.553	1	EPA 9014/9010C	02/15/2018 08:11	02/15/2018 15:34	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-118_15-17** **York Sample ID:** **18B0372-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**42**		mg/kg dry	0.81	1.6	250	EPA 8260C	02/15/2018 14:00	02/16/2018 01:40	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**13**		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	6.5	13	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.65	1.3	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.65	1.3	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**12**		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**1.9**		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.85**		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.65	1.3	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**4.4**		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**7.2**		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**14**		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**36**	SCAL-E	mg/kg dry	0.65	1.3	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**0.61**	J	mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**1.5**		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**1.3**		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.33	0.65	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**50**		mg/kg dry	0.98	2.0	100	EPA 8260C	02/13/2018 12:17	02/14/2018 14:45	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.2 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dimethyl heptane isomers**	**15000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 14:45	SS
								Certifications:			
NA	**ethenyl methyl benzene isomer**	**7400**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 14:45	SS
								Certifications:			
NA	**Ethyl Dimethyl Benzene isomers**	**21000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 14:45	SS
								Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**16000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 14:45	SS
								Certifications:			
NA	**methyl Heptane isomer**	**7400**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 14:45	SS
								Certifications:			
NA	**methyl propyl benzene isomer**	**16000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 14:45	SS
								Certifications:			
NA	**Tetramethyl Benzene isomer**	**8100**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 14:45	SS
								Certifications:			
NA	**Trimethyl Benzene isomer**	**13000**	N	ug/kg dry			100	EPA 8260C	02/14/2018 07:30	02/14/2018 14:45	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.474**		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.274	0.547	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.274	0.547	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0797**	J	mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.100**	J	mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.0721**	J	mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0994**	J	mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0928**	J	mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.137	0.273	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.180**		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**1.10**		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0710**	J	mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.163**		mg/kg dry	0.0685	0.137	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.274	0.547	2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*70.1 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*65.5 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*76.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*74.9 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*95.6 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*66.8 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dihydro methyl indene isomer**	**2290**	N	ug/kg dry			2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:			
NA	**Ethyl Dimethyl Benzene isomer**	**5240**	N	ug/kg dry			2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**2510**	N	ug/kg dry			2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:			
NA	**Indane**	**983**	N	ug/kg dry			2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:			
NA	**methyl propyl benzene isomer**	**2730**	N	ug/kg dry			2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:			
NA	**unknown PAH**	**655**	N	ug/kg dry			2	EPA 8270D	02/13/2018 04:23	02/13/2018 13:09	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00903	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0913	5	EPA 8081B	02/13/2018 04:49	02/13/2018 20:59	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.2 %*			*30-150*					
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.2 %*			*30-150*					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	02/13/2018 04:49	02/14/2018 04:51	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.8 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	02/15/2018 04:21	02/15/2018 16:42	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	02/15/2018 04:21	02/15/2018 16:42	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	02/15/2018 04:21	02/15/2018 16:42	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*136 %*	*30-150*

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13100**		mg/kg dry	5.49	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.549	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.53**		mg/kg dry	1.10	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**54.7**		mg/kg dry	1.10	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.147**		mg/kg dry	0.110	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.329	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**11000**		mg/kg dry	5.49	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**47.6**		mg/kg dry	0.549	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**21.0**		mg/kg dry	0.549	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**45.4**		mg/kg dry	0.549	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18400**		mg/kg dry	2.20	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**18.6**		mg/kg dry	0.549	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4930**		mg/kg dry	5.49	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**348**		mg/kg dry	0.549	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**44.3**		mg/kg dry	0.549	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2160**	B	mg/kg dry	5.49	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.38**		mg/kg dry	1.10	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.549	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**1720**		mg/kg dry	11.0	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**47.8**		mg/kg dry	1.10	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_15-17 **York Sample ID:** 18B0372-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 9:00 am	02/09/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**46.3**		mg/kg dry	1.65	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:12	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0329	1	EPA 7473	02/12/2018 09:01	02/12/2018 17:58	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	02/15/2018 17:25	02/16/2018 11:34	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.549	1	EPA 7196A	02/13/2018 11:18	02/13/2018 18:21	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**47.6**		mg/kg	0.500	1	Calculation	02/16/2018 11:46	02/16/2018 17:27	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.549	1	EPA 9014/9010C	02/15/2018 08:11	02/15/2018 15:34	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB-118_43-45** **York Sample ID:** **18B0372-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.010**		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.073	0.15	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.014**	J	mg/kg dry	0.0073	0.015	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.0036**	J	mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.015**	SCAL-E	mg/kg dry	0.0073	0.015	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.0050**	J	mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0073	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**0.018**	J	mg/kg dry	0.011	0.022	1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.0 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/15/2018 07:30	02/15/2018 15:51	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.248	0.495	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.248	0.495	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.124	0.247	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0620	0.124	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.248	0.495	2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*75.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*71.8 %*	*23-114*

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*77.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*71.3 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*98.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*64.5 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/13/2018 04:23	02/13/2018 14:41	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0339	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00848	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0859	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:14	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:15	LAB
							Certifications:			

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.7 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0203	1	EPA 8151A	02/15/2018 04:21	02/15/2018 20:46	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0203	1	EPA 8151A	02/15/2018 04:21	02/15/2018 20:46	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0203	1	EPA 8151A	02/15/2018 04:21	02/15/2018 20:46	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*149 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11700**		mg/kg dry	5.14	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.514	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.32**		mg/kg dry	1.03	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**54.4**		mg/kg dry	1.03	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.103	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.441**		mg/kg dry	0.308	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**8060**		mg/kg dry	5.14	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.1**		mg/kg dry	0.514	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.4**		mg/kg dry	0.514	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**70.9**		mg/kg dry	0.514	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**18300**		mg/kg dry	2.06	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.79**		mg/kg dry	0.514	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5780**		mg/kg dry	5.14	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**304**		mg/kg dry	0.514	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**28.9**		mg/kg dry	0.514	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2110**	B	mg/kg dry	5.14	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.33**		mg/kg dry	1.03	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.514	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**1550**		mg/kg dry	10.3	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.03	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.7**		mg/kg dry	1.03	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**36.8**		mg/kg dry	1.54	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0308	1	EPA 7473	02/12/2018 09:01	02/12/2018 18:41	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	02/15/2018 17:25	02/16/2018 11:34	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-118_43-45 **York Sample ID:** 18B0372-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 11:20 am	02/09/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.514	1	EPA 7196A	02/13/2018 11:18	02/13/2018 18:21	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.1**		mg/kg	0.500	1	Calculation	02/16/2018 11:46	02/16/2018 17:27	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.514	1	EPA 9014/9010C	02/15/2018 08:11	02/15/2018 15:34	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0093**	J	mg/kg dry	0.0054	0.011	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.039**		mg/kg dry	0.0054	0.011	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes: VOA-Jar

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dimethyl Heptane isomer**	**61**	N	ug/kg dry			1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:			
NA	**dimethyl octane isomer**	**68**	N	ug/kg dry			1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:			
NA	**methyl octane isomers**	**290**	N	ug/kg dry			1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:			
NA	**trimethyl decane isomers**	**110**	N	ug/kg dry			1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:			
NA	**trimethyl hexane isomers**	**200**	N	ug/kg dry			1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:			
NA	**trimethyl Octane isomerS**	**150**	N	ug/kg dry			1	EPA 8260C	02/15/2018 07:30	02/15/2018 16:20	SS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.268	0.537	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.268	0.537	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.134	0.268	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0672	0.134	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.268	0.537	2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*80.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*78.9 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*78.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*74.1 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*105 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*70.4 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/13/2018 04:23	02/13/2018 15:13	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0359	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00897	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0908	5	EPA 8081B	02/13/2018 04:49	02/13/2018 21:29	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*118 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:39	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:39	LAB
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	02/13/2018 04:49	02/14/2018 05:39	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.7 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	02/15/2018 04:21	02/15/2018 16:55	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	02/15/2018 04:21	02/15/2018 16:55	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	02/15/2018 04:21	02/15/2018 16:55	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*137 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3810**		mg/kg dry	5.44	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.544	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**1.32**		mg/kg dry	1.09	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**21.6**		mg/kg dry	1.09	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.148**		mg/kg dry	0.109	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.326	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4600**		mg/kg dry	5.44	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.9**		mg/kg dry	0.544	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.97**		mg/kg dry	0.544	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**9.85**		mg/kg dry	0.544	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**8880**		mg/kg dry	2.17	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**29.7**		mg/kg dry	0.544	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4780**		mg/kg dry	5.44	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**148**		mg/kg dry	0.544	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**23.8**		mg/kg dry	0.544	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**899**	B	mg/kg dry	5.44	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.544	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**148**		mg/kg dry	10.9	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.3**		mg/kg dry	1.09	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**110**		mg/kg dry	1.63	1	EPA 6010C	02/12/2018 09:14	02/16/2018 13:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0326	1	EPA 7473	02/12/2018 09:01	02/12/2018 18:49	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB-118_67-69 **York Sample ID:** 18B0372-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0372	170384501	Soil	February 9, 2018 12:30 pm	02/09/2018

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.0		%	0.100	1	SM 2540G	02/15/2018 17:25	02/16/2018 11:34	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.544	1	EPA 7196A	02/13/2018 11:18	02/13/2018 18:21	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	10.9		mg/kg	0.500	1	Calculation	02/16/2018 11:46	02/16/2018 17:27	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	02/15/2018 08:11	02/15/2018 15:34	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BB80416 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-01	SB-118_0-2	02/12/18
18B0372-04	SB-118_15-17	02/12/18
18B0372-07	SB-118_43-45	02/12/18
18B0372-08	SB-118_67-69	02/12/18
BB80416-BLK1	Blank	02/12/18
BB80416-DUP1	Duplicate	02/12/18
BB80416-MS1	Matrix Spike	02/12/18
BB80416-SRM1	Reference	02/12/18

Batch ID: BB80420 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-01	SB-118_0-2	02/12/18
18B0372-04	SB-118_15-17	02/12/18
18B0372-07	SB-118_43-45	02/12/18
18B0372-08	SB-118_67-69	02/12/18
BB80420-BLK1	Blank	02/12/18
BB80420-SRM1	Reference	02/12/18

Batch ID: BB80467 **Preparation Method:** EPA 3545A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-01	SB-118_0-2	02/13/18
18B0372-01	SB-118_0-2	02/13/18
18B0372-04	SB-118_15-17	02/13/18
18B0372-04	SB-118_15-17	02/13/18
18B0372-07	SB-118_43-45	02/13/18
18B0372-07	SB-118_43-45	02/13/18
18B0372-08	SB-118_67-69	02/13/18
18B0372-08	SB-118_67-69	02/13/18
BB80467-BLK1	Blank	02/13/18
BB80467-BLK1	Blank	02/13/18
BB80467-BS1	LCS	02/13/18
BB80467-MS1	Matrix Spike	02/13/18
BB80467-MSD1	Matrix Spike Dup	02/13/18

Batch ID: BB80469 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-01	SB-118_0-2	02/13/18
18B0372-01	SB-118_0-2	02/13/18
18B0372-04	SB-118_15-17	02/13/18
18B0372-04	SB-118_15-17	02/13/18
18B0372-07	SB-118_43-45	02/13/18

18B0372-07	SB-118_43-45	02/13/18
18B0372-08	SB-118_67-69	02/13/18
18B0372-08	SB-118_67-69	02/13/18
BB80469-BLK1	Blank	02/13/18
BB80469-BLK2	Blank	02/13/18
BB80469-BS1	LCS	02/13/18
BB80469-BS2	LCS	02/13/18
BB80469-MS1	Matrix Spike	02/13/18
BB80469-MSD1	Matrix Spike Dup	02/13/18

Batch ID: BB80471 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-01	SB-118_0-2	02/13/18
BB80471-BLK1	Blank	02/13/18
BB80471-BS1	LCS	02/13/18
BB80471-BSD1	LCS Dup	02/13/18

Batch ID: BB80492 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-01	SB-118_0-2	02/13/18
18B0372-04	SB-118_15-17	02/13/18
18B0372-07	SB-118_43-45	02/13/18
18B0372-08	SB-118_67-69	02/13/18
BB80492-BLK1	Blank	02/13/18
BB80492-DUP1	Duplicate	02/13/18
BB80492-MS1	Matrix Spike	02/13/18
BB80492-SRM1	Reference	02/13/18

Batch ID: BB80533 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-04	SB-118_15-17	02/14/18
18B0372-04	SB-118_15-17	02/13/18
BB80533-BLK1	Blank	02/14/18
BB80533-BLK2	Blank	02/14/18
BB80533-BS1	LCS	02/14/18
BB80533-BSD1	LCS Dup	02/14/18
BB80533-MS1	Matrix Spike	02/14/18
BB80533-MSD1	Matrix Spike Dup	02/14/18

Batch ID: BB80601 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-01	SB-118_0-2	02/15/18
18B0372-04	SB-118_15-17	02/15/18
18B0372-07	SB-118_43-45	02/15/18
18B0372-08	SB-118_67-69	02/15/18

BB80601-BLK1	Blank	02/15/18
BB80601-BS1	LCS	02/15/18
BB80601-MS1	Matrix Spike	02/15/18
BB80601-MSD1	Matrix Spike Dup	02/15/18

Batch ID: BB80604 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-07	SB-118_43-45	02/15/18
18B0372-08	SB-118_67-69	02/15/18
BB80604-BLK1	Blank	02/15/18
BB80604-BLK2	Blank	02/15/18
BB80604-BS1	LCS	02/15/18
BB80604-BSD1	LCS Dup	02/15/18

Batch ID: BB80611 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-01	SB-118_0-2	02/15/18
18B0372-04	SB-118_15-17	02/15/18
18B0372-07	SB-118_43-45	02/15/18
18B0372-08	SB-118_67-69	02/15/18
BB80611-BLK1	Blank	02/15/18
BB80611-DUP1	Duplicate	02/15/18
BB80611-MS1	Matrix Spike	02/15/18
BB80611-SRM1	Reference	02/15/18

Batch ID: BB80642 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-04RE1	SB-118_15-17	02/15/18
BB80642-BLK1	Blank	02/15/18
BB80642-BLK2	Blank	02/15/18
BB80642-BS1	LCS	02/15/18
BB80642-BSD1	LCS Dup	02/15/18

Batch ID: BB80658 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0372-01	SB-118_0-2	02/15/18
18B0372-04	SB-118_15-17	02/15/18
18B0372-07	SB-118_43-45	02/15/18
18B0372-08	SB-118_67-69	02/15/18
BB80658-DUP1	Duplicate	02/15/18

Batch ID: BB80707 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date

18B0372-01	SB-118_0-2	02/16/18
18B0372-04	SB-118_15-17	02/16/18
18B0372-07	SB-118_43-45	02/16/18
18B0372-08	SB-118_67-69	02/16/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80471 - EPA 5035A											
Blank (BB80471-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Prepared & Analyzed: 02/13/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80471 - EPA 5035A											
Blank (BB80471-BLK1)									Prepared & Analyzed: 02/13/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
LCS (BB80471-BS1)									Prepared & Analyzed: 02/13/2018		
1,1,1,2-Tetrachloroethane	52.9		ug/L	50.0		106	75-129				
1,1,1-Trichloroethane	53.0		"	50.0		106	71-130				
1,1,2,2-Tetrachloroethane	55.2		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.1		"	50.0		104	70-130				
1,1,2-Trichloroethane	53.4		"	50.0		107	83-123				
1,1-Dichloroethane	51.7		"	50.0		103	75-130				
1,1-Dichloroethylene	52.1		"	50.0		104	70-130				
1,2,3-Trichlorobenzene	57.4		"	50.0		115	81-130				
1,2,3-Trichloropropane	53.7		"	50.0		107	81-126				
1,2,4-Trichlorobenzene	56.2		"	50.0		112	80-130				
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	57.4		"	50.0		115	74-142				
1,2-Dibromoethane	53.1		"	50.0		106	86-123				
1,2-Dichlorobenzene	51.5		"	50.0		103	85-122				
1,2-Dichloroethane	50.8		"	50.0		102	71-130				
1,2-Dichloropropane	51.1		"	50.0		102	81-122				
1,3,5-Trimethylbenzene	50.8		"	50.0		102	82-126				
1,3-Dichlorobenzene	51.3		"	50.0		103	84-124				
1,4-Dichlorobenzene	51.9		"	50.0		104	84-124				
1,4-Dioxane	1100		"	1050		105	40-160				
2-Butanone	60.2		"	50.0		120	58-147				
2-Hexanone	55.3		"	50.0		111	70-139				
4-Methyl-2-pentanone	56.0		"	50.0		112	72-132				
Acetone	49.5		"	50.0		99.0	40-155				
Acrolein	55.6		"	50.0		111	10-238				
Acrylonitrile	54.0		"	50.0		108	66-141				
Benzene	51.7		"	50.0		103	77-127				
Bromochloromethane	53.1		"	50.0		106	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80471 - EPA 5035A											
LCS (BB80471-BS1)								Prepared & Analyzed: 02/13/2018			
Bromodichloromethane	50.9		ug/L	50.0		102	81-124				
Bromoform	56.2		"	50.0		112	80-130				
Bromomethane	50.1		"	50.0		100	40-160				
Carbon disulfide	57.9		"	50.0		116	40-136				
Carbon tetrachloride	53.5		"	50.0		107	70-130				
Chlorobenzene	50.8		"	50.0		102	86-120				
Chloroethane	54.3		"	50.0		109	51-142				
Chloroform	52.6		"	50.0		105	76-130				
Chloromethane	61.0		"	50.0		122	49-132				
cis-1,2-Dichloroethylene	52.0		"	50.0		104	74-130				
cis-1,3-Dichloropropylene	52.5		"	50.0		105	81-129				
Cyclohexane	52.2		"	50.0		104	70-130				
Dibromochloromethane	55.7		"	50.0		111	70-130				
Dibromomethane	52.2		"	50.0		104	83-124				
Dichlorodifluoromethane	83.5		"	50.0		167	40-158	High Bias			
Ethyl Benzene	50.9		"	50.0		102	84-125				
Hexachlorobutadiene	55.1		"	50.0		110	83-133				
Isopropylbenzene	50.2		"	50.0		100	81-127				
Methyl acetate	51.3		"	50.0		103	70-130				
Methyl tert-butyl ether (MTBE)	56.1		"	50.0		112	74-130				
Methylcyclohexane	49.8		"	50.0		99.6	70-130				
Methylene chloride	50.6		"	50.0		101	70-130				
n-Butylbenzene	52.9		"	50.0		106	80-130				
n-Propylbenzene	50.5		"	50.0		101	74-136				
o-Xylene	51.1		"	50.0		102	83-123				
p- & m- Xylenes	101		"	100		101	82-128				
p-Isopropyltoluene	52.6		"	50.0		105	85-125				
sec-Butylbenzene	53.6		"	50.0		107	83-125				
Styrene	51.5		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	262		"	250		105	70-130				
tert-Butylbenzene	50.7		"	50.0		101	80-127				
Tetrachloroethylene	50.0		"	50.0		99.9	80-129				
Toluene	50.1		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	51.9		"	50.0		104	72-130				
trans-1,3-Dichloropropylene	52.4		"	50.0		105	78-130				
Trichloroethylene	51.1		"	50.0		102	84-123				
Trichlorofluoromethane	54.5		"	50.0		109	62-140				
Vinyl Chloride	55.2		"	50.0		110	70-130				
Surrogate: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*99.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80471 - EPA 5035A											
LCS Dup (BB80471-BSD1)								Prepared & Analyzed: 02/13/2018			
1,1,1,2-Tetrachloroethane	51.2		ug/L	50.0		102	75-129		3.28	30	
1,1,1-Trichloroethane	52.3		"	50.0		105	71-130		1.22	30	
1,1,2,2-Tetrachloroethane	50.6		"	50.0		101	79-129		8.73	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.7		"	50.0		103	70-130		0.751	30	
1,1,2-Trichloroethane	49.1		"	50.0		98.3	83-123		8.31	30	
1,1-Dichloroethane	50.8		"	50.0		102	75-130		1.74	30	
1,1-Dichloroethylene	51.0		"	50.0		102	70-130		2.16	30	
1,2,3-Trichlorobenzene	54.8		"	50.0		110	81-130		4.47	30	
1,2,3-Trichloropropane	48.0		"	50.0		96.0	81-126		11.3	30	
1,2,4-Trichlorobenzene	54.4		"	50.0		109	80-130		3.24	30	
1,2,4-Trimethylbenzene	52.5		"	50.0		105	84-125		0.516	30	
1,2-Dibromo-3-chloropropane	50.6		"	50.0		101	74-142		12.6	30	
1,2-Dibromoethane	48.9		"	50.0		97.8	86-123		8.21	30	
1,2-Dichlorobenzene	52.0		"	50.0		104	85-122		1.04	30	
1,2-Dichloroethane	47.2		"	50.0		94.4	71-130		7.47	30	
1,2-Dichloropropane	50.3		"	50.0		101	81-122		1.44	30	
1,3,5-Trimethylbenzene	52.1		"	50.0		104	82-126		2.64	30	
1,3-Dichlorobenzene	51.4		"	50.0		103	84-124		0.136	30	
1,4-Dichlorobenzene	51.7		"	50.0		103	84-124		0.463	30	
1,4-Dioxane	969		"	1050		92.2	40-160		13.2	30	
2-Butanone	55.0		"	50.0		110	58-147		8.90	30	
2-Hexanone	47.4		"	50.0		94.8	70-139		15.5	30	
4-Methyl-2-pentanone	46.8		"	50.0		93.6	72-132		17.9	30	
Acetone	49.6		"	50.0		99.2	40-155		0.121	30	
Acrolein	46.5		"	50.0		93.1	10-238		17.8	30	
Acrylonitrile	47.0		"	50.0		94.0	66-141		14.0	30	
Benzene	51.1		"	50.0		102	77-127		1.19	30	
Bromochloromethane	50.8		"	50.0		102	74-129		4.35	30	
Bromodichloromethane	49.3		"	50.0		98.5	81-124		3.20	30	
Bromoform	50.8		"	50.0		102	80-130		10.1	30	
Bromomethane	52.9		"	50.0		106	40-160		5.42	30	
Carbon disulfide	56.9		"	50.0		114	40-136		1.79	30	
Carbon tetrachloride	53.6		"	50.0		107	70-130		0.149	30	
Chlorobenzene	49.9		"	50.0		99.8	86-120		1.71	30	
Chloroethane	50.7		"	50.0		101	51-142		6.82	30	
Chloroform	51.1		"	50.0		102	76-130		2.93	30	
Chloromethane	60.2		"	50.0		120	49-132		1.47	30	
cis-1,2-Dichloroethylene	50.9		"	50.0		102	74-130		2.12	30	
cis-1,3-Dichloropropylene	51.4		"	50.0		103	81-129		2.06	30	
Cyclohexane	51.7		"	50.0		103	70-130		0.963	30	
Dibromochloromethane	53.0		"	50.0		106	70-130		4.86	30	
Dibromomethane	48.9		"	50.0		97.8	83-124		6.61	30	
Dichlorodifluoromethane	77.7		"	50.0		155	40-158		7.18	30	
Ethyl Benzene	50.4		"	50.0		101	84-125		0.829	30	
Hexachlorobutadiene	55.5		"	50.0		111	83-133		0.760	30	
Isopropylbenzene	51.2		"	50.0		102	81-127		1.97	30	
Methyl acetate	41.8		"	50.0		83.7	70-130		20.3	30	
Methyl tert-butyl ether (MTBE)	51.4		"	50.0		103	74-130		8.74	30	
Methylcyclohexane	49.6		"	50.0		99.2	70-130		0.382	30	
Methylene chloride	47.8		"	50.0		95.5	70-130		5.69	30	
n-Butylbenzene	53.9		"	50.0		108	80-130		1.91	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80471 - EPA 5035A											
LCS Dup (BB80471-BSD1)								Prepared & Analyzed: 02/13/2018			
n-Propylbenzene	51.2		ug/L	50.0		102	74-136		1.36	30	
o-Xylene	51.2		"	50.0		102	83-123		0.0586	30	
p- & m- Xylenes	99.7		"	100		99.7	82-128		1.36	30	
p-Isopropyltoluene	53.5		"	50.0		107	85-125		1.83	30	
sec-Butylbenzene	54.2		"	50.0		108	83-125		1.08	30	
Styrene	49.7		"	50.0		99.5	86-126		3.52	30	
tert-Butyl alcohol (TBA)	211		"	250		84.5	70-130		21.5	30	
tert-Butylbenzene	52.3		"	50.0		105	80-127		3.09	30	
Tetrachloroethylene	49.4		"	50.0		98.8	80-129		1.15	30	
Toluene	49.9		"	50.0		99.8	85-121		0.360	30	
trans-1,2-Dichloroethylene	50.6		"	50.0		101	72-130		2.65	30	
trans-1,3-Dichloropropylene	49.6		"	50.0		99.3	78-130		5.39	30	
Trichloroethylene	51.4		"	50.0		103	84-123		0.566	30	
Trichlorofluoromethane	53.7		"	50.0		107	62-140		1.48	30	
Vinyl Chloride	53.0		"	50.0		106	70-130		3.96	30	
Surrogate: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.1*	*77-125*				
Surrogate: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				
Batch BB80533 - EPA 5035A											
Blank (BB80533-BLK1)								Prepared & Analyzed: 02/14/2018			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
Blank (BB80533-BLK1)									Prepared & Analyzed: 02/14/2018		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*53.7*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
Blank (BB80533-BLK2)											Prepared & Analyzed: 02/14/2018
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	0.72	1.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

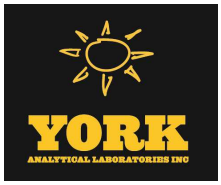
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
Blank (BB80533-BLK2)									Prepared & Analyzed: 02/14/2018		
n-Butylbenzene	ND	0.50	mg/kg wet								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
LCS (BB80533-BS1)									Prepared & Analyzed: 02/14/2018		
1,1,1,2-Tetrachloroethane	51.1		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	52.4		"	50.0		105	71-130				
1,1,2,2-Tetrachloroethane	49.6		"	50.0		99.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.9		"	50.0		99.8	70-130				
1,1,2-Trichloroethane	46.8		"	50.0		93.7	83-123				
1,1-Dichloroethane	49.2		"	50.0		98.4	75-130				
1,1-Dichloroethylene	48.1		"	50.0		96.2	70-130				
1,2,3-Trichlorobenzene	54.8		"	50.0		110	81-130				
1,2,3-Trichloropropane	49.6		"	50.0		99.3	81-126				
1,2,4-Trichlorobenzene	54.5		"	50.0		109	80-130				
1,2,4-Trimethylbenzene	48.4		"	50.0		96.8	84-125				
1,2-Dibromo-3-chloropropane	55.7		"	50.0		111	74-142				
1,2-Dibromoethane	50.0		"	50.0		99.9	86-123				
1,2-Dichlorobenzene	48.7		"	50.0		97.3	85-122				
1,2-Dichloroethane	51.5		"	50.0		103	71-130				
1,2-Dichloropropane	44.1		"	50.0		88.2	81-122				
1,3,5-Trimethylbenzene	46.4		"	50.0		92.7	82-126				
1,3-Dichlorobenzene	47.6		"	50.0		95.3	84-124				
1,4-Dichlorobenzene	47.6		"	50.0		95.2	84-124				
1,4-Dioxane	962		"	1050		91.6	40-160				
2-Butanone	60.9		"	50.0		122	58-147				
2-Hexanone	47.6		"	50.0		95.2	70-139				
4-Methyl-2-pentanone	47.7		"	50.0		95.3	72-132				
Acetone	48.6		"	50.0		97.2	40-155				
Acrolein	46.9		"	50.0		93.8	10-238				
Acrylonitrile	51.4		"	50.0		103	66-141				
Benzene	50.6		"	50.0		101	77-127				
Bromochloromethane	48.3		"	50.0		96.6	74-129				
Bromodichloromethane	47.2		"	50.0		94.4	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
LCS (BB80533-BS1)								Prepared & Analyzed: 02/14/2018			
Bromoform	56.5		ug/L	50.0		113	80-130				
Bromomethane	54.1		"	50.0		108	40-160				
Carbon disulfide	54.0		"	50.0		108	40-136				
Carbon tetrachloride	55.2		"	50.0		110	70-130				
Chlorobenzene	47.5		"	50.0		95.0	86-120				
Chloroethane	54.5		"	50.0		109	51-142				
Chloroform	51.2		"	50.0		102	76-130				
Chloromethane	50.8		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	50.1		"	50.0		100	74-130				
cis-1,3-Dichloropropylene	48.1		"	50.0		96.2	81-129				
Cyclohexane	47.5		"	50.0		94.9	70-130				
Dibromochloromethane	54.4		"	50.0		109	70-130				
Dibromomethane	46.0		"	50.0		92.1	83-124				
Dichlorodifluoromethane	66.6		"	50.0		133	40-158				
Ethyl Benzene	46.5		"	50.0		92.9	84-125				
Hexachlorobutadiene	54.9		"	50.0		110	83-133				
Isopropylbenzene	46.6		"	50.0		93.2	81-127				
Methyl acetate	44.4		"	50.0		88.9	70-130				
Methyl tert-butyl ether (MTBE)	57.8		"	50.0		116	74-130				
Methylcyclohexane	43.9		"	50.0		87.8	70-130				
Methylene chloride	46.4		"	50.0		92.8	70-130				
n-Butylbenzene	47.3		"	50.0		94.6	80-130				
n-Propylbenzene	44.9		"	50.0		89.8	74-136				
o-Xylene	47.8		"	50.0		95.6	83-123				
p- & m- Xylenes	93.2		"	100		93.2	82-128				
p-Isopropyltoluene	49.3		"	50.0		98.7	85-125				
sec-Butylbenzene	48.1		"	50.0		96.1	83-125				
Styrene	47.7		"	50.0		95.4	86-126				
tert-Butyl alcohol (TBA)	257		"	250		103	70-130				
tert-Butylbenzene	48.6		"	50.0		97.3	80-127				
Tetrachloroethylene	48.8		"	50.0		97.7	80-129				
Toluene	45.4		"	50.0		90.8	85-121				
trans-1,2-Dichloroethylene	49.1		"	50.0		98.2	72-130				
trans-1,3-Dichloropropylene	48.5		"	50.0		97.1	78-130				
Trichloroethylene	47.0		"	50.0		94.0	84-123				
Trichlorofluoromethane	52.9		"	50.0		106	62-140				
Vinyl Chloride	45.5		"	50.0		91.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
LCS Dup (BB80533-BSD1)								Prepared & Analyzed: 02/14/2018			
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129		1.02	30	
1,1,1-Trichloroethane	52.5		"	50.0		105	71-130		0.210	30	
1,1,2,2-Tetrachloroethane	48.6		"	50.0		97.3	79-129		1.87	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.6		"	50.0		99.3	70-130		0.542	30	
1,1,2-Trichloroethane	46.2		"	50.0		92.4	83-123		1.35	30	
1,1-Dichloroethane	49.1		"	50.0		98.1	75-130		0.285	30	
1,1-Dichloroethylene	47.9		"	50.0		95.8	70-130		0.417	30	
1,2,3-Trichlorobenzene	56.5		"	50.0		113	81-130		2.96	30	
1,2,3-Trichloropropane	47.7		"	50.0		95.3	81-126		4.09	30	
1,2,4-Trichlorobenzene	54.8		"	50.0		110	80-130		0.457	30	
1,2,4-Trimethylbenzene	48.9		"	50.0		97.9	84-125		1.09	30	
1,2-Dibromo-3-chloropropane	56.0		"	50.0		112	74-142		0.483	30	
1,2-Dibromoethane	49.4		"	50.0		98.8	86-123		1.11	30	
1,2-Dichlorobenzene	48.8		"	50.0		97.5	85-122		0.205	30	
1,2-Dichloroethane	50.1		"	50.0		100	71-130		2.81	30	
1,2-Dichloropropane	44.6		"	50.0		89.2	81-122		1.04	30	
1,3,5-Trimethylbenzene	46.8		"	50.0		93.7	82-126		0.987	30	
1,3-Dichlorobenzene	48.1		"	50.0		96.3	84-124		1.00	30	
1,4-Dichlorobenzene	48.2		"	50.0		96.3	84-124		1.17	30	
1,4-Dioxane	1060		"	1050		101	40-160		10.1	30	
2-Butanone	61.2		"	50.0		122	58-147		0.377	30	
2-Hexanone	48.2		"	50.0		96.3	70-139		1.11	30	
4-Methyl-2-pentanone	47.5		"	50.0		95.1	72-132		0.294	30	
Acetone	47.6		"	50.0		95.2	40-155		2.14	30	
Acrolein	50.2		"	50.0		100	10-238		6.70	30	
Acrylonitrile	52.5		"	50.0		105	66-141		2.14	30	
Benzene	50.5		"	50.0		101	77-127		0.316	30	
Bromochloromethane	47.4		"	50.0		94.9	74-129		1.75	30	
Bromodichloromethane	46.2		"	50.0		92.5	81-124		2.10	30	
Bromoform	57.2		"	50.0		114	80-130		1.35	30	
Bromomethane	53.6		"	50.0		107	40-160		0.798	30	
Carbon disulfide	53.9		"	50.0		108	40-136		0.0927	30	
Carbon tetrachloride	55.3		"	50.0		111	70-130		0.308	30	
Chlorobenzene	47.3		"	50.0		94.7	86-120		0.380	30	
Chloroethane	54.6		"	50.0		109	51-142		0.220	30	
Chloroform	51.1		"	50.0		102	76-130		0.0978	30	
Chloromethane	49.6		"	50.0		99.1	49-132		2.53	30	
cis-1,2-Dichloroethylene	51.4		"	50.0		103	74-130		2.46	30	
cis-1,3-Dichloropropylene	47.1		"	50.0		94.1	81-129		2.19	30	
Cyclohexane	47.5		"	50.0		95.1	70-130		0.168	30	
Dibromochloromethane	54.5		"	50.0		109	70-130		0.257	30	
Dibromomethane	46.9		"	50.0		93.8	83-124		1.85	30	
Dichlorodifluoromethane	64.7		"	50.0		129	40-158		2.83	30	
Ethyl Benzene	46.2		"	50.0		92.4	84-125		0.583	30	
Hexachlorobutadiene	55.6		"	50.0		111	83-133		1.38	30	
Isopropylbenzene	47.1		"	50.0		94.3	81-127		1.17	30	
Methyl acetate	44.9		"	50.0		89.8	70-130		1.05	30	
Methyl tert-butyl ether (MTBE)	57.0		"	50.0		114	74-130		1.38	30	
Methylcyclohexane	44.0		"	50.0		88.0	70-130		0.228	30	
Methylene chloride	45.8		"	50.0		91.6	70-130		1.26	30	
n-Butylbenzene	46.9		"	50.0		93.9	80-130		0.785	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
LCS Dup (BB80533-BSD1)								Prepared & Analyzed: 02/14/2018			
n-Propylbenzene	45.3		ug/L	50.0		90.6	74-136		0.865	30	
o-Xylene	47.4		"	50.0		94.9	83-123		0.777	30	
p- & m- Xylenes	92.4		"	100		92.4	82-128		0.819	30	
p-Isopropyltoluene	49.6		"	50.0		99.1	85-125		0.465	30	
sec-Butylbenzene	49.5		"	50.0		99.0	83-125		2.91	30	
Styrene	47.7		"	50.0		95.4	86-126		0.00	30	
tert-Butyl alcohol (TBA)	288		"	250		115	70-130		11.5	30	
tert-Butylbenzene	49.9		"	50.0		99.7	80-127		2.48	30	
Tetrachloroethylene	49.4		"	50.0		98.8	80-129		1.12	30	
Toluene	45.2		"	50.0		90.4	85-121		0.464	30	
trans-1,2-Dichloroethylene	48.6		"	50.0		97.3	72-130		0.941	30	
trans-1,3-Dichloropropylene	48.4		"	50.0		96.7	78-130		0.351	30	
Trichloroethylene	46.4		"	50.0		92.8	84-123		1.35	30	
Trichlorofluoromethane	54.9		"	50.0		110	62-140		3.71	30	
Vinyl Chloride	44.4		"	50.0		88.7	70-130		2.60	30	
Surrogate: 1,2-Dichloroethane-d4	*53.1*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*47.7*		*"*	*50.0*		*95.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*76-130*				
Matrix Spike (BB80533-MS1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/14/2018			
1,1,1,2-Tetrachloroethane	47.3		ug/L	50.0	0.00	94.6	15-161				
1,1,1-Trichloroethane	50.1		"	50.0	0.00	100	70-130				
1,1,2,2-Tetrachloroethane	38.7		"	50.0	0.00	77.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.9		"	50.0	0.00	85.8	70-130				
1,1,2-Trichloroethane	41.3		"	50.0	0.00	82.6	70-130				
1,1-Dichloroethane	45.4		"	50.0	0.00	90.7	70-130				
1,1-Dichloroethylene	41.7		"	50.0	0.00	83.5	70-130				
1,2,3-Trichlorobenzene	53.6		"	50.0	0.00	107	70-130				
1,2,3-Trichloropropane	43.6		"	50.0	0.00	87.1	38-155				
1,2,4-Trichlorobenzene	53.4		"	50.0	0.00	107	70-130				
1,2,4-Trimethylbenzene	233		"	50.0	229	7.42	10-170	Low Bias			
1,2-Dibromo-3-chloropropane	48.4		"	50.0	0.00	96.7	40-138				
1,2-Dibromoethane	45.7		"	50.0	0.00	91.4	70-130				
1,2-Dichlorobenzene	48.6		"	50.0	0.00	97.1	70-130				
1,2-Dichloroethane	45.7		"	50.0	0.00	91.4	70-130				
1,2-Dichloropropane	42.5		"	50.0	0.00	85.1	70-130				
1,3,5-Trimethylbenzene	125		"	50.0	101	47.5	10-150				
1,3-Dichlorobenzene	48.1		"	50.0	0.00	96.2	70-130				
1,4-Dichlorobenzene	47.2		"	50.0	0.00	94.4	70-130				
1,4-Dioxane	941		"	1050	0.00	89.6	40-160				
2-Butanone	55.8		"	50.0	0.00	112	40-160				
2-Hexanone	39.9		"	50.0	0.00	79.7	40-160				
4-Methyl-2-pentanone	34.7		"	50.0	0.00	69.5	40-160				
Acetone	51.7		"	50.0	1.86	99.6	40-160				
Acrolein	28.3		"	50.0	0.00	56.5	10-192				
Acrylonitrile	38.3		"	50.0	0.00	76.5	13-161				
Benzene	47.5		"	50.0	0.00	95.0	70-130				
Bromochloromethane	41.4		"	50.0	0.00	82.8	70-130				
Bromodichloromethane	44.3		"	50.0	0.00	88.6	70-130				
Bromoform	51.7		"	50.0	0.00	103	70-130				
Bromomethane	37.1		"	50.0	0.00	74.1	40-160				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
Matrix Spike (BB80533-MS1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/14/2018			
Carbon disulfide	47.5		ug/L	50.0	0.00	95.0	40-131				
Carbon tetrachloride	55.0		"	50.0	0.00	110	70-130				
Chlorobenzene	48.0		"	50.0	0.00	95.9	70-130				
Chloroethane	22.8		"	50.0	0.00	45.7	40-160				
Chloroform	47.2		"	50.0	0.00	94.5	70-130				
Chloromethane	50.6		"	50.0	0.00	101	40-159				
cis-1,2-Dichloroethylene	49.0		"	50.0	0.00	98.0	70-130				
cis-1,3-Dichloropropylene	43.6		"	50.0	0.00	87.2	70-130				
Cyclohexane	45.0		"	50.0	0.00	90.1	70-130				
Dibromochloromethane	52.2		"	50.0	0.00	104	70-130				
Dibromomethane	42.3		"	50.0	0.00	84.6	47-143				
Dichlorodifluoromethane	73.1		"	50.0	0.00	146	40-145	High Bias			
Ethyl Benzene	111		"	50.0	88.3	45.0	70-130	Low Bias			
Hexachlorobutadiene	59.0		"	50.0	0.00	118	10-158				
Isopropylbenzene	58.4		"	50.0	14.5	87.8	70-130				
Methyl acetate	33.7		"	50.0	0.00	67.5	70-130	Low Bias			
Methyl tert-butyl ether (MTBE)	46.9		"	50.0	0.00	93.9	70-130				
Methylcyclohexane	47.3		"	50.0	6.53	81.6	70-130				
Methylene chloride	40.7		"	50.0	1.13	79.2	70-130				
n-Butylbenzene	68.4		"	50.0	33.9	68.9	10-162				
n-Propylbenzene	84.7		"	50.0	55.2	59.1	10-155				
o-Xylene	131		"	50.0	109	43.7	70-130	Low Bias			
p- & m- Xylenes	292		"	100	276	15.6	70-130	Low Bias			
p-Isopropyltoluene	70.7		"	50.0	4.66	132	10-147				
sec-Butylbenzene	57.8		"	50.0	11.2	93.0	10-157				
Styrene	46.7		"	50.0	0.00	93.5	70-130				
tert-Butyl alcohol (TBA)	243		"	250	0.00	97.4	34-179				
tert-Butylbenzene	52.9		"	50.0	0.00	106	10-160				
Tetrachloroethylene	51.8		"	50.0	0.00	104	70-130				
Toluene	51.0		"	50.0	9.70	82.7	70-130				
trans-1,2-Dichloroethylene	43.6		"	50.0	0.00	87.2	70-130				
trans-1,3-Dichloropropylene	43.9		"	50.0	0.00	87.7	70-130				
Trichloroethylene	46.9		"	50.0	0.00	93.8	70-130				
Trichlorofluoromethane	39.0		"	50.0	0.00	78.0	40-142				
Vinyl Chloride	45.1		"	50.0	0.00	90.3	70-130				
Surrogate: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.8*	*77-125*				
Surrogate: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*54.5*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BB80533 - EPA 5035A

Matrix Spike Dup (BB80533-MSD1) *Source sample: 18B0372-04 (SB-118_15-17) Prepared & Analyzed: 02/14/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	41.8		ug/L	50.0	0.00	83.5	15-161		12.5	33	
1,1,1-Trichloroethane	44.4		"	50.0	0.00	88.9	70-130		12.1	30	
1,1,2,2-Tetrachloroethane	37.6		"	50.0	0.00	75.3	70-130		2.83	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37.8		"	50.0	0.00	75.6	70-130		12.6	30	
1,1,2-Trichloroethane	35.8		"	50.0	0.00	71.5	70-130		14.4	30	
1,1-Dichloroethane	39.8		"	50.0	0.00	79.7	70-130		12.9	30	
1,1-Dichloroethylene	36.0		"	50.0	0.00	72.0	70-130		14.8	30	
1,2,3-Trichlorobenzene	48.6		"	50.0	0.00	97.2	70-130		9.65	30	
1,2,3-Trichloropropane	42.2		"	50.0	0.00	84.4	38-155		3.15	48	
1,2,4-Trichlorobenzene	49.4		"	50.0	0.00	98.8	70-130		7.86	30	
1,2,4-Trimethylbenzene	221		"	50.0	229	NR	10-170	Low Bias	5.15	242	
1,2-Dibromo-3-chloropropane	47.2		"	50.0	0.00	94.3	40-138		2.49	30	
1,2-Dibromoethane	40.7		"	50.0	0.00	81.5	70-130		11.5	30	
1,2-Dichlorobenzene	43.8		"	50.0	0.00	87.7	70-130		10.2	30	
1,2-Dichloroethane	42.0		"	50.0	0.00	83.9	70-130		8.53	30	
1,2-Dichloropropane	37.3		"	50.0	0.00	74.6	70-130		13.1	30	
1,3,5-Trimethylbenzene	115		"	50.0	101	27.7	10-150		8.24	62	
1,3-Dichlorobenzene	43.9		"	50.0	0.00	87.8	70-130		9.13	30	
1,4-Dichlorobenzene	43.4		"	50.0	0.00	86.8	70-130		8.37	30	
1,4-Dioxane	922		"	1050	0.00	87.8	40-160		2.03	30	
2-Butanone	46.5		"	50.0	0.00	93.0	40-160		18.1	30	
2-Hexanone	32.5		"	50.0	0.00	65.1	40-160		20.2	30	
4-Methyl-2-pentanone	33.0		"	50.0	0.00	66.0	40-160		5.20	30	
Acetone	35.2		"	50.0	1.86	66.6	40-160		38.0	30	Non-dir.
Acrolein	27.3		"	50.0	0.00	54.6	10-192		3.42	128	
Acrylonitrile	38.2		"	50.0	0.00	76.5	13-161		0.0523	48	
Benzene	42.3		"	50.0	0.00	84.5	70-130		11.6	30	
Bromochloromethane	36.1		"	50.0	0.00	72.2	70-130		13.6	30	
Bromodichloromethane	38.5		"	50.0	0.00	77.0	70-130		14.0	30	
Bromoform	49.2		"	50.0	0.00	98.5	70-130		4.82	30	
Bromomethane	35.8		"	50.0	0.00	71.7	40-160		3.37	30	
Carbon disulfide	42.0		"	50.0	0.00	84.0	40-131		12.3	30	
Carbon tetrachloride	47.9		"	50.0	0.00	95.7	70-130		13.9	30	
Chlorobenzene	41.6		"	50.0	0.00	83.3	70-130		14.1	30	
Chloroethane	20.6		"	50.0	0.00	41.2	40-160		10.4	30	
Chloroform	42.9		"	50.0	0.00	85.7	70-130		9.72	29	
Chloromethane	43.7		"	50.0	0.00	87.5	40-159		14.7	30	
cis-1,2-Dichloroethylene	42.3		"	50.0	0.00	84.7	70-130		14.6	30	
cis-1,3-Dichloropropylene	38.1		"	50.0	0.00	76.2	70-130		13.5	30	
Cyclohexane	40.0		"	50.0	0.00	80.0	70-130		11.9	30	
Dibromochloromethane	46.5		"	50.0	0.00	93.0	70-130		11.5	30	
Dibromomethane	38.0		"	50.0	0.00	76.0	47-143		10.7	41	
Dichlorodifluoromethane	64.2		"	50.0	0.00	128	40-145		13.0	30	
Ethyl Benzene	98.0		"	50.0	88.3	19.4	70-130	Low Bias	12.3	30	
Hexachlorobutadiene	51.3		"	50.0	0.00	103	10-158		13.9	45	
Isopropylbenzene	51.4		"	50.0	14.5	73.9	70-130		12.7	30	
Methyl acetate	32.5		"	50.0	0.00	65.0	70-130	Low Bias	3.81	30	
Methyl tert-butyl ether (MTBE)	43.3		"	50.0	0.00	86.7	70-130		7.98	30	
Methylcyclohexane	40.7		"	50.0	6.53	68.3	70-130	Low Bias	15.2	30	
Methylene chloride	36.6		"	50.0	1.13	71.0	70-130		10.5	30	
n-Butylbenzene	62.2		"	50.0	33.9	56.6	10-162		9.48	96	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80533 - EPA 5035A											
Matrix Spike Dup (BB80533-MSD1)	*Source sample: 18B0372-04 (SB-118_15-17)								Prepared & Analyzed: 02/14/2018		
n-Propylbenzene	76.1		ug/L	50.0	55.2	41.9	10-155		10.7	56	
o-Xylene	119		"	50.0	109	19.1	70-130	Low Bias	9.84	30	
p- & m- Xylenes	265		"	100	276	NR	70-130	Low Bias	9.53	30	
p-Isopropyltoluene	62.6		"	50.0	4.66	116	10-147		12.2	60	
sec-Butylbenzene	51.4		"	50.0	11.2	80.2	10-157		11.7	56	
Styrene	42.0		"	50.0	0.00	84.1	70-130		10.6	30	
tert-Butyl alcohol (TBA)	243		"	250	0.00	97.4	34-179		0.0205	35	
tert-Butylbenzene	45.8		"	50.0	0.00	91.5	10-160		14.4	79	
Tetrachloroethylene	45.4		"	50.0	0.00	90.8	70-130		13.3	30	
Toluene	43.6		"	50.0	9.70	67.9	70-130	Low Bias	15.6	30	
trans-1,2-Dichloroethylene	38.7		"	50.0	0.00	77.5	70-130		11.9	30	
trans-1,3-Dichloropropylene	38.1		"	50.0	0.00	76.3	70-130		14.0	30	
Trichloroethylene	39.9		"	50.0	0.00	79.8	70-130		16.1	30	
Trichlorofluoromethane	1.53		"	50.0	0.00	3.06	40-142	Low Bias	185	30	Non-dir.
Vinyl Chloride	43.8		"	50.0	0.00	87.7	70-130		2.92	30	
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*47.5*		*"*	*50.0*		*95.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*54.9*		*"*	*50.0*		*110*	*76-130*				
Batch BB80604 - EPA 5035A											
Blank (BB80604-BLK1)									Prepared & Analyzed: 02/15/2018		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
Blank (BB80604-BLK1)											Prepared & Analyzed: 02/15/2018
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*48.3*		*"*	*50.0*		*96.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
Blank (BB80604-BLK2)											Prepared & Analyzed: 02/15/2018
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	0.76	1.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

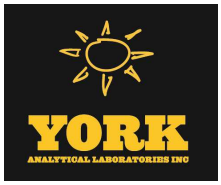
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
Blank (BB80604-BLK2)											Prepared & Analyzed: 02/15/2018
n-Butylbenzene	ND	0.50	mg/kg wet								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*53.2*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*46.5*		*"*	*50.0*		*93.0*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*76-130*				
LCS (BB80604-BS1)											Prepared & Analyzed: 02/15/2018
1,1,1,2-Tetrachloroethane	52.3		ug/L	50.0		105	75-129				
1,1,1-Trichloroethane	56.9		"	50.0		114	71-130				
1,1,2,2-Tetrachloroethane	50.2		"	50.0		100	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.2		"	50.0		114	70-130				
1,1,2-Trichloroethane	47.3		"	50.0		94.6	83-123				
1,1-Dichloroethane	51.8		"	50.0		104	75-130				
1,1-Dichloroethylene	51.9		"	50.0		104	70-130				
1,2,3-Trichlorobenzene	59.1		"	50.0		118	81-130				
1,2,3-Trichloropropane	51.3		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	58.0		"	50.0		116	80-130				
1,2,4-Trimethylbenzene	48.4		"	50.0		96.9	84-125				
1,2-Dibromo-3-chloropropane	53.1		"	50.0		106	74-142				
1,2-Dibromoethane	51.5		"	50.0		103	86-123				
1,2-Dichlorobenzene	50.4		"	50.0		101	85-122				
1,2-Dichloroethane	53.4		"	50.0		107	71-130				
1,2-Dichloropropane	44.3		"	50.0		88.6	81-122				
1,3,5-Trimethylbenzene	47.4		"	50.0		94.7	82-126				
1,3-Dichlorobenzene	49.2		"	50.0		98.3	84-124				
1,4-Dichlorobenzene	49.0		"	50.0		98.0	84-124				
1,4-Dioxane	1130		"	1050		108	40-160				
2-Butanone	65.6		"	50.0		131	58-147				
2-Hexanone	47.0		"	50.0		93.9	70-139				
4-Methyl-2-pentanone	46.4		"	50.0		92.7	72-132				
Acetone	52.7		"	50.0		105	40-155				
Acrolein	49.5		"	50.0		99.0	10-238				
Acrylonitrile	54.9		"	50.0		110	66-141				
Benzene	53.9		"	50.0		108	77-127				
Bromochloromethane	51.2		"	50.0		102	74-129				
Bromodichloromethane	46.3		"	50.0		92.5	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
LCS (BB80604-BS1)								Prepared & Analyzed: 02/15/2018			
Bromoform	59.2		ug/L	50.0		118	80-130				
Bromomethane	55.9		"	50.0		112	40-160				
Carbon disulfide	58.6		"	50.0		117	40-136				
Carbon tetrachloride	60.3		"	50.0		121	70-130				
Chlorobenzene	48.4		"	50.0		96.9	86-120				
Chloroethane	57.2		"	50.0		114	51-142				
Chloroform	54.9		"	50.0		110	76-130				
Chloromethane	55.6		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	56.0		"	50.0		112	74-130				
cis-1,3-Dichloropropylene	47.2		"	50.0		94.3	81-129				
Cyclohexane	50.9		"	50.0		102	70-130				
Dibromochloromethane	56.1		"	50.0		112	70-130				
Dibromomethane	48.1		"	50.0		96.3	83-124				
Dichlorodifluoromethane	83.3		"	50.0		167	40-158	High Bias			
Ethyl Benzene	46.0		"	50.0		92.0	84-125				
Hexachlorobutadiene	60.4		"	50.0		121	83-133				
Isopropylbenzene	48.2		"	50.0		96.4	81-127				
Methyl acetate	47.1		"	50.0		94.1	70-130				
Methyl tert-butyl ether (MTBE)	59.8		"	50.0		120	74-130				
Methylcyclohexane	44.3		"	50.0		88.6	70-130				
Methylene chloride	47.2		"	50.0		94.4	70-130				
n-Butylbenzene	46.8		"	50.0		93.6	80-130				
n-Propylbenzene	44.8		"	50.0		89.7	74-136				
o-Xylene	47.0		"	50.0		94.0	83-123				
p- & m- Xylenes	89.8		"	100		89.8	82-128				
p-Isopropyltoluene	51.0		"	50.0		102	85-125				
sec-Butylbenzene	50.0		"	50.0		100	83-125				
Styrene	48.0		"	50.0		96.0	86-126				
tert-Butyl alcohol (TBA)	304		"	250		122	70-130				
tert-Butylbenzene	50.4		"	50.0		101	80-127				
Tetrachloroethylene	52.0		"	50.0		104	80-129				
Toluene	44.9		"	50.0		89.9	85-121				
trans-1,2-Dichloroethylene	52.5		"	50.0		105	72-130				
trans-1,3-Dichloropropylene	47.2		"	50.0		94.3	78-130				
Trichloroethylene	46.9		"	50.0		93.8	84-123				
Trichlorofluoromethane	63.3		"	50.0		127	62-140				
Vinyl Chloride	44.4		"	50.0		88.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*77-125*				
Surrogate: Toluene-d8	*46.4*		*"*	*50.0*		*92.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*53.0*		*"*	*50.0*		*106*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
LCS Dup (BB80604-BSD1)								Prepared & Analyzed: 02/15/2018			
1,1,1,2-Tetrachloroethane	51.2		ug/L	50.0		102	75-129		2.20	30	
1,1,1-Trichloroethane	55.8		"	50.0		112	71-130		1.93	30	
1,1,2,2-Tetrachloroethane	46.7		"	50.0		93.3	79-129		7.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.6		"	50.0		109	70-130		4.59	30	
1,1,2-Trichloroethane	45.0		"	50.0		90.0	83-123		4.96	30	
1,1-Dichloroethane	50.7		"	50.0		101	75-130		1.97	30	
1,1-Dichloroethylene	50.6		"	50.0		101	70-130		2.50	30	
1,2,3-Trichlorobenzene	57.4		"	50.0		115	81-130		2.88	30	
1,2,3-Trichloropropane	47.5		"	50.0		95.1	81-126		7.67	30	
1,2,4-Trichlorobenzene	57.6		"	50.0		115	80-130		0.640	30	
1,2,4-Trimethylbenzene	48.2		"	50.0		96.3	84-125		0.559	30	
1,2-Dibromo-3-chloropropane	49.4		"	50.0		98.8	74-142		7.14	30	
1,2-Dibromoethane	49.2		"	50.0		98.3	86-123		4.69	30	
1,2-Dichlorobenzene	49.8		"	50.0		99.6	85-122		1.18	30	
1,2-Dichloroethane	51.7		"	50.0		103	71-130		3.25	30	
1,2-Dichloropropane	43.4		"	50.0		86.8	81-122		2.03	30	
1,3,5-Trimethylbenzene	47.2		"	50.0		94.3	82-126		0.381	30	
1,3-Dichlorobenzene	49.4		"	50.0		98.8	84-124		0.507	30	
1,4-Dichlorobenzene	49.5		"	50.0		99.0	84-124		1.02	30	
1,4-Dioxane	993		"	1050		94.5	40-160		13.0	30	
2-Butanone	54.2		"	50.0		108	58-147		18.9	30	
2-Hexanone	41.2		"	50.0		82.5	70-139		13.0	30	
4-Methyl-2-pentanone	41.9		"	50.0		83.7	72-132		10.2	30	
Acetone	43.1		"	50.0		86.3	40-155		19.9	30	
Acrolein	45.5		"	50.0		91.1	10-238		8.37	30	
Acrylonitrile	49.7		"	50.0		99.5	66-141		9.83	30	
Benzene	52.3		"	50.0		105	77-127		3.13	30	
Bromochloromethane	50.9		"	50.0		102	74-129		0.646	30	
Bromodichloromethane	44.9		"	50.0		89.8	81-124		2.94	30	
Bromoform	56.4		"	50.0		113	80-130		4.98	30	
Bromomethane	54.2		"	50.0		108	40-160		3.16	30	
Carbon disulfide	57.5		"	50.0		115	40-136		1.84	30	
Carbon tetrachloride	59.1		"	50.0		118	70-130		2.04	30	
Chlorobenzene	48.2		"	50.0		96.4	86-120		0.517	30	
Chloroethane	52.5		"	50.0		105	51-142		8.44	30	
Chloroform	53.2		"	50.0		106	76-130		3.18	30	
Chloromethane	53.1		"	50.0		106	49-132		4.71	30	
cis-1,2-Dichloroethylene	54.8		"	50.0		110	74-130		2.15	30	
cis-1,3-Dichloropropylene	46.0		"	50.0		91.9	81-129		2.53	30	
Cyclohexane	49.6		"	50.0		99.1	70-130		2.73	30	
Dibromochloromethane	53.9		"	50.0		108	70-130		4.09	30	
Dibromomethane	45.3		"	50.0		90.7	83-124		5.99	30	
Dichlorodifluoromethane	79.8		"	50.0		160	40-158	High Bias	4.24	30	
Ethyl Benzene	45.6		"	50.0		91.2	84-125		0.851	30	
Hexachlorobutadiene	60.1		"	50.0		120	83-133		0.382	30	
Isopropylbenzene	47.8		"	50.0		95.6	81-127		0.792	30	
Methyl acetate	43.9		"	50.0		87.7	70-130		7.04	30	
Methyl tert-butyl ether (MTBE)	56.8		"	50.0		114	74-130		5.23	30	
Methylcyclohexane	44.1		"	50.0		88.1	70-130		0.566	30	
Methylene chloride	46.0		"	50.0		91.9	70-130		2.68	30	
n-Butylbenzene	46.1		"	50.0		92.2	80-130		1.49	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80604 - EPA 5035A											
LCS Dup (BB80604-BSD1)								Prepared & Analyzed: 02/15/2018			
n-Propylbenzene	44.9		ug/L	50.0		89.8	74-136		0.201	30	
o-Xylene	46.0		"	50.0		92.1	83-123		2.06	30	
p- & m- Xylenes	89.2		"	100		89.2	82-128		0.615	30	
p-Isopropyltoluene	50.3		"	50.0		101	85-125		1.42	30	
sec-Butylbenzene	50.2		"	50.0		100	83-125		0.240	30	
Styrene	47.3		"	50.0		94.6	86-126		1.53	30	
tert-Butyl alcohol (TBA)	261		"	250		104	70-130		15.4	30	
tert-Butylbenzene	50.1		"	50.0		100	80-127		0.478	30	
Tetrachloroethylene	51.0		"	50.0		102	80-129		1.82	30	
Toluene	44.2		"	50.0		88.5	85-121		1.55	30	
trans-1,2-Dichloroethylene	50.8		"	50.0		102	72-130		3.31	30	
trans-1,3-Dichloropropylene	45.5		"	50.0		90.9	78-130		3.65	30	
Trichloroethylene	46.2		"	50.0		92.5	84-123		1.48	30	
Trichlorofluoromethane	59.6		"	50.0		119	62-140		5.94	30	
Vinyl Chloride	41.8		"	50.0		83.7	70-130		5.94	30	
Surrogate: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*47.0*		*"*	*50.0*		*93.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*76-130*				
Batch BB80642 - EPA 5035A											
Blank (BB80642-BLK1)								Prepared: 02/15/2018 Analyzed: 02/16/2018			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80642 - EPA 5035A											
Blank (BB80642-BLK1)											Prepared: 02/15/2018 Analyzed: 02/16/2018
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*ug/L*	*50.0*		*99.8*	*77-125*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80642 - EPA 5035A											
Blank (BB80642-BLK2)											
Prepared: 02/15/2018 Analyzed: 02/16/2018											
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

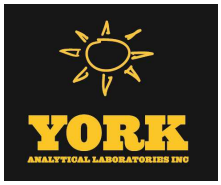
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80642 - EPA 5035A											
Blank (BB80642-BLK2)								Prepared: 02/15/2018 Analyzed: 02/16/2018			
n-Propylbenzene	ND	0.50	mg/kg wet								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*53.6*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: Toluene-d8	*47.3*		*"*	*50.0*		*94.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				
LCS (BB80642-BS1)								Prepared & Analyzed: 02/15/2018			
1,1,1,2-Tetrachloroethane	43.5		ug/L	50.0		87.1	75-129				
1,1,1-Trichloroethane	47.9		"	50.0		95.8	71-130				
1,1,2,2-Tetrachloroethane	45.6		"	50.0		91.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.8		"	50.0		95.7	70-130				
1,1,2-Trichloroethane	41.2		"	50.0		82.3	83-123	Low Bias			
1,1-Dichloroethane	44.8		"	50.0		89.6	75-130				
1,1-Dichloroethylene	44.4		"	50.0		88.8	70-130				
1,2,3-Trichlorobenzene	47.3		"	50.0		94.7	81-130				
1,2,3-Trichloropropane	47.7		"	50.0		95.4	81-126				
1,2,4-Trichlorobenzene	45.4		"	50.0		90.8	80-130				
1,2,4-Trimethylbenzene	41.6		"	50.0		83.1	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	50.2		"	50.0		100	74-142				
1,2-Dibromoethane	45.8		"	50.0		91.6	86-123				
1,2-Dichlorobenzene	42.4		"	50.0		84.9	85-122	Low Bias			
1,2-Dichloroethane	45.0		"	50.0		90.1	71-130				
1,2-Dichloropropane	38.6		"	50.0		77.1	81-122	Low Bias			
1,3,5-Trimethylbenzene	41.7		"	50.0		83.4	82-126				
1,3-Dichlorobenzene	40.9		"	50.0		81.9	84-124	Low Bias			
1,4-Dichlorobenzene	41.6		"	50.0		83.1	84-124	Low Bias			
1,4-Dioxane	1300		"	1050		124	40-160				
2-Butanone	60.8		"	50.0		122	58-147				
2-Hexanone	48.1		"	50.0		96.2	70-139				
4-Methyl-2-pentanone	46.2		"	50.0		92.5	72-132				
Acetone	47.8		"	50.0		95.6	40-155				
Acrolein	47.7		"	50.0		95.4	10-238				
Acrylonitrile	53.7		"	50.0		107	66-141				
Benzene	45.9		"	50.0		91.9	77-127				
Bromochloromethane	43.8		"	50.0		87.6	74-129				
Bromodichloromethane	39.6		"	50.0		79.1	81-124	Low Bias			
Bromoform	50.0		"	50.0		100	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80642 - EPA 5035A											
LCS (BB80642-BS1)								Prepared & Analyzed: 02/15/2018			
Bromomethane	39.4		ug/L	50.0		78.8	40-160				
Carbon disulfide	48.8		"	50.0		97.7	40-136				
Carbon tetrachloride	51.6		"	50.0		103	70-130				
Chlorobenzene	41.7		"	50.0		83.5	86-120	Low Bias			
Chloroethane	42.3		"	50.0		84.5	51-142				
Chloroform	45.6		"	50.0		91.3	76-130				
Chloromethane	36.9		"	50.0		73.8	49-132				
cis-1,2-Dichloroethylene	46.5		"	50.0		93.0	74-130				
cis-1,3-Dichloropropylene	40.1		"	50.0		80.2	81-129	Low Bias			
Cyclohexane	44.4		"	50.0		88.7	70-130				
Dibromochloromethane	46.8		"	50.0		93.7	70-130				
Dibromomethane	42.0		"	50.0		84.0	83-124				
Dichlorodifluoromethane	53.8		"	50.0		108	40-158				
Ethyl Benzene	41.4		"	50.0		82.8	84-125	Low Bias			
Hexachlorobutadiene	49.6		"	50.0		99.3	83-133				
Isopropylbenzene	42.2		"	50.0		84.4	81-127				
Methyl acetate	48.1		"	50.0		96.2	70-130				
Methyl tert-butyl ether (MTBE)	50.4		"	50.0		101	74-130				
Methylcyclohexane	41.3		"	50.0		82.5	70-130				
Methylene chloride	40.7		"	50.0		81.4	70-130				
n-Butylbenzene	41.0		"	50.0		82.1	80-130				
n-Propylbenzene	40.2		"	50.0		80.4	74-136				
o-Xylene	41.4		"	50.0		82.8	83-123	Low Bias			
p- & m- Xylenes	80.8		"	100		80.8	82-128	Low Bias			
p-Isopropyltoluene	43.7		"	50.0		87.3	85-125				
sec-Butylbenzene	45.1		"	50.0		90.1	83-125				
Styrene	41.0		"	50.0		82.0	86-126	Low Bias			
tert-Butyl alcohol (TBA)	363		"	250		145	70-130	High Bias			
tert-Butylbenzene	43.9		"	50.0		87.8	80-127				
Tetrachloroethylene	43.8		"	50.0		87.6	80-129				
Toluene	40.4		"	50.0		80.9	85-121	Low Bias			
trans-1,2-Dichloroethylene	44.2		"	50.0		88.3	72-130				
trans-1,3-Dichloropropylene	40.7		"	50.0		81.4	78-130				
Trichloroethylene	42.1		"	50.0		84.2	84-123				
Trichlorofluoromethane	47.4		"	50.0		94.8	62-140				
Vinyl Chloride	34.3		"	50.0		68.6	70-130	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*53.7*		*"*	*50.0*		*107*	*77-125*				
Surrogate: Toluene-d8	*48.2*		*"*	*50.0*		*96.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.6*		*"*	*50.0*		*105*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

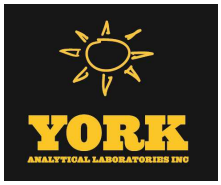
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80642 - EPA 5035A											
LCS Dup (BB80642-BSD1)								Prepared: 02/15/2018 Analyzed: 02/16/2018			
1,1,1,2-Tetrachloroethane	49.7		ug/L	50.0		99.4	75-129		13.2	30	
1,1,1-Trichloroethane	54.3		"	50.0		109	71-130		12.4	30	
1,1,2,2-Tetrachloroethane	50.0		"	50.0		100	79-129		9.16	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.1		"	50.0		106	70-130		10.5	30	
1,1,2-Trichloroethane	46.9		"	50.0		93.7	83-123		12.9	30	
1,1-Dichloroethane	50.3		"	50.0		101	75-130		11.6	30	
1,1-Dichloroethylene	49.1		"	50.0		98.1	70-130		9.93	30	
1,2,3-Trichlorobenzene	54.6		"	50.0		109	81-130		14.2	30	
1,2,3-Trichloropropane	51.1		"	50.0		102	81-126		6.86	30	
1,2,4-Trichlorobenzene	52.7		"	50.0		105	80-130		14.8	30	
1,2,4-Trimethylbenzene	47.1		"	50.0		94.2	84-125		12.5	30	
1,2-Dibromo-3-chloropropane	55.8		"	50.0		112	74-142		10.5	30	
1,2-Dibromoethane	49.6		"	50.0		99.1	86-123		7.87	30	
1,2-Dichlorobenzene	48.6		"	50.0		97.1	85-122		13.5	30	
1,2-Dichloroethane	50.1		"	50.0		100	71-130		10.7	30	
1,2-Dichloropropane	43.9		"	50.0		87.9	81-122		13.0	30	
1,3,5-Trimethylbenzene	47.4		"	50.0		94.7	82-126		12.8	30	
1,3-Dichlorobenzene	47.0		"	50.0		94.0	84-124		13.8	30	
1,4-Dichlorobenzene	47.6		"	50.0		95.2	84-124		13.5	30	
1,4-Dioxane	1310		"	1050		125	40-160		0.768	30	
2-Butanone	61.4		"	50.0		123	58-147		0.966	30	
2-Hexanone	47.8		"	50.0		95.6	70-139		0.626	30	
4-Methyl-2-pentanone	48.2		"	50.0		96.4	72-132		4.17	30	
Acetone	46.4		"	50.0		92.7	40-155		3.10	30	
Acrolein	48.6		"	50.0		97.2	10-238		1.93	30	
Acrylonitrile	52.8		"	50.0		106	66-141		1.56	30	
Benzene	50.7		"	50.0		101	77-127		9.79	30	
Bromochloromethane	48.8		"	50.0		97.7	74-129		10.9	30	
Bromodichloromethane	44.8		"	50.0		89.7	81-124		12.5	30	
Bromoform	55.9		"	50.0		112	80-130		11.1	30	
Bromomethane	49.1		"	50.0		98.3	40-160		21.9	30	
Carbon disulfide	55.2		"	50.0		110	40-136		12.3	30	
Carbon tetrachloride	57.8		"	50.0		116	70-130		11.4	30	
Chlorobenzene	47.0		"	50.0		94.1	86-120		11.9	30	
Chloroethane	48.2		"	50.0		96.4	51-142		13.1	30	
Chloroform	51.7		"	50.0		103	76-130		12.4	30	
Chloromethane	40.9		"	50.0		81.9	49-132		10.4	30	
cis-1,2-Dichloroethylene	52.6		"	50.0		105	74-130		12.2	30	
cis-1,3-Dichloropropylene	45.7		"	50.0		91.3	81-129		13.0	30	
Cyclohexane	48.9		"	50.0		97.7	70-130		9.65	30	
Dibromochloromethane	53.5		"	50.0		107	70-130		13.2	30	
Dibromomethane	46.6		"	50.0		93.2	83-124		10.3	30	
Dichlorodifluoromethane	58.4		"	50.0		117	40-158		8.21	30	
Ethyl Benzene	45.5		"	50.0		91.0	84-125		9.46	30	
Hexachlorobutadiene	56.5		"	50.0		113	83-133		12.9	30	
Isopropylbenzene	47.5		"	50.0		95.0	81-127		11.8	30	
Methyl acetate	46.5		"	50.0		93.0	70-130		3.42	30	
Methyl tert-butyl ether (MTBE)	55.6		"	50.0		111	74-130		9.81	30	
Methylcyclohexane	44.8		"	50.0		89.6	70-130		8.16	30	
Methylene chloride	45.4		"	50.0		90.8	70-130		11.0	30	
n-Butylbenzene	45.4		"	50.0		90.8	80-130		10.1	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80642 - EPA 5035A											
LCS Dup (BB80642-BSD1)									Prepared: 02/15/2018 Analyzed: 02/16/2018		
n-Propylbenzene	45.3		ug/L	50.0		90.7	74-136		12.0	30	
o-Xylene	46.1		"	50.0		92.2	83-123		10.8	30	
p- & m- Xylenes	89.6		"	100		89.6	82-128		10.3	30	
p-Isopropyltoluene	48.8		"	50.0		97.6	85-125		11.1	30	
sec-Butylbenzene	49.3		"	50.0		98.7	83-125		9.05	30	
Styrene	45.5		"	50.0		90.9	86-126		10.3	30	
tert-Butyl alcohol (TBA)	309		"	250		124	70-130		16.1	30	
tert-Butylbenzene	50.8		"	50.0		102	80-127		14.5	30	
Tetrachloroethylene	49.8		"	50.0		99.7	80-129		12.9	30	
Toluene	44.7		"	50.0		89.4	85-121		10.1	30	
trans-1,2-Dichloroethylene	49.1		"	50.0		98.1	72-130		10.5	30	
trans-1,3-Dichloropropylene	45.1		"	50.0		90.1	78-130		10.2	30	
Trichloroethylene	46.2		"	50.0		92.4	84-123		9.31	30	
Trichlorofluoromethane	51.7		"	50.0		103	62-140		8.68	30	
Vinyl Chloride	37.7		"	50.0		75.4	70-130		9.39	30	
Surrogate: 1,2-Dichloroethane-d4	*52.2*		*"*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*47.2*		*"*	*50.0*		*94.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BB80467 - EPA 3545A

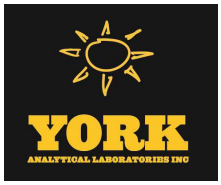
Blank (BB80467-BLK1) Prepared & Analyzed: 02/13/2018

1,1-Biphenyl	ND	0.0626	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.125	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0626	"
2,3,4,6-Tetrachlorophenol	ND	0.125	"
2,4,5-Trichlorophenol	ND	0.0626	"
2,4,6-Trichlorophenol	ND	0.0626	"
2,4-Dichlorophenol	ND	0.0626	"
2,4-Dimethylphenol	ND	0.0626	"
2,4-Dinitrophenol	ND	0.125	"
2,4-Dinitrotoluene	ND	0.0626	"
2,6-Dinitrotoluene	ND	0.0626	"
2-Chloronaphthalene	ND	0.0626	"
2-Chlorophenol	ND	0.0626	"
2-Methylnaphthalene	ND	0.0626	"
2-Methylphenol	ND	0.0626	"
2-Nitroaniline	ND	0.125	"
2-Nitrophenol	ND	0.0626	"
3- & 4-Methylphenols	ND	0.0626	"
3,3-Dichlorobenzidine	ND	0.0626	"
3-Nitroaniline	ND	0.125	"
4,6-Dinitro-2-methylphenol	ND	0.125	"
4-Bromophenyl phenyl ether	ND	0.0626	"
4-Chloro-3-methylphenol	ND	0.0626	"
4-Chloroaniline	ND	0.0626	"
4-Chlorophenyl phenyl ether	ND	0.0626	"
4-Nitroaniline	ND	0.125	"
4-Nitrophenol	ND	0.125	"
Acenaphthene	ND	0.0626	"
Acenaphthylene	ND	0.0626	"
Acetophenone	ND	0.0626	"
Aniline	ND	0.250	"
Anthracene	ND	0.0626	"
Atrazine	ND	0.0626	"
Benzaldehyde	ND	0.0626	"
Benzidine	ND	0.250	"
Benzo(a)anthracene	ND	0.0626	"
Benzo(a)pyrene	ND	0.0626	"
Benzo(b)fluoranthene	ND	0.0626	"
Benzo(g,h,i)perylene	ND	0.0626	"
Benzo(k)fluoranthene	ND	0.0626	"
Benzoic acid	ND	0.0626	"
Benzyl alcohol	ND	0.0626	"
Benzyl butyl phthalate	ND	0.0626	"
Bis(2-chloroethoxy)methane	ND	0.0626	"
Bis(2-chloroethyl)ether	ND	0.0626	"
Bis(2-chloroisopropyl)ether	ND	0.0626	"
Bis(2-ethylhexyl)phthalate	ND	0.0626	"
Caprolactam	ND	0.125	"
Carbazole	ND	0.0626	"
Chrysene	ND	0.0626	"
Dibenzo(a,h)anthracene	ND	0.0626	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80467 - EPA 3545A											
Blank (BB80467-BLK1)											Prepared & Analyzed: 02/13/2018
Dibenzofuran	ND	0.0626	mg/kg wet								
Diethyl phthalate	ND	0.0626	"								
Dimethyl phthalate	ND	0.0626	"								
Di-n-butyl phthalate	ND	0.0626	"								
Di-n-octyl phthalate	ND	0.0626	"								
Diphenylamine	ND	0.125	"								
Fluoranthene	ND	0.0626	"								
Fluorene	ND	0.0626	"								
Hexachlorobenzene	ND	0.0626	"								
Hexachlorobutadiene	ND	0.0626	"								
Hexachlorocyclopentadiene	ND	0.0626	"								
Hexachloroethane	ND	0.0626	"								
Indeno(1,2,3-cd)pyrene	ND	0.0626	"								
Isophorone	ND	0.0626	"								
Naphthalene	ND	0.0626	"								
Nitrobenzene	ND	0.0626	"								
N-Nitrosodimethylamine	ND	0.0626	"								
N-nitroso-di-n-propylamine	ND	0.0626	"								
N-Nitrosodiphenylamine	ND	0.0626	"								
Pentachlorophenol	ND	0.0626	"								
Phenanthrene	ND	0.0626	"								
Phenol	ND	0.0626	"								
Pyrene	ND	0.0626	"								
Pyridine	ND	0.250	"								
Surrogate: 2-Fluorophenol	*2.91*		"	*3.82*		*76.1*	*30-108*				
Surrogate: Phenol-d5	*2.76*		"	*3.88*		*71.0*	*30-114*				
Surrogate: Nitrobenzene-d5	*2.13*		"	*2.72*		*78.2*	*30-108*				
Surrogate: 2-Fluorobiphenyl	*1.91*		"	*2.64*		*72.4*	*30-113*				
Surrogate: 2,4,6-Tribromophenol	*3.59*		"	*3.88*		*92.6*	*30-110*				
Surrogate: Terphenyl-d14	*1.75*		"	*2.53*		*69.1*	*30-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80467 - EPA 3545A											
LCS (BB80467-BS1)								Prepared & Analyzed: 02/13/2018			
1,1-Biphenyl	1.03	0.0626	mg/kg wet	1.25		82.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.945	0.125	"	1.25		75.6	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.715	0.0626	"	1.25		57.2	17-137				
2,3,4,6-Tetrachlorophenol	2.14	0.125	"	1.25		171	30-130	High Bias			
2,4,5-Trichlorophenol	0.919	0.0626	"	1.25		73.5	27-118				
2,4,6-Trichlorophenol	0.917	0.0626	"	1.25		73.4	31-120				
2,4-Dichlorophenol	0.870	0.0626	"	1.25		69.6	20-127				
2,4-Dimethylphenol	0.892	0.0626	"	1.25		71.4	14-132				
2,4-Dinitrophenol	1.60	0.125	"	1.25		128	10-171				
2,4-Dinitrotoluene	1.19	0.0626	"	1.25		95.2	34-131				
2,6-Dinitrotoluene	1.05	0.0626	"	1.25		84.1	31-128				
2-Chloronaphthalene	0.761	0.0626	"	1.25		60.9	31-117				
2-Chlorophenol	0.856	0.0626	"	1.25		68.5	33-113				
2-Methylnaphthalene	0.914	0.0626	"	1.25		73.1	12-138				
2-Methylphenol	0.848	0.0626	"	1.25		67.8	10-136				
2-Nitroaniline	1.22	0.125	"	1.25		97.9	27-132				
2-Nitrophenol	1.16	0.0626	"	1.25		92.4	17-129				
3- & 4-Methylphenols	0.782	0.0626	"	1.25		62.6	29-103				
3,3-Dichlorobenzidine	0.873	0.0626	"	1.25		69.8	22-149				
3-Nitroaniline	0.948	0.125	"	1.25		75.9	20-133				
4,6-Dinitro-2-methylphenol	1.37	0.125	"	1.25		109	10-143				
4-Bromophenyl phenyl ether	0.906	0.0626	"	1.25		72.5	29-120				
4-Chloro-3-methylphenol	0.924	0.0626	"	1.25		73.9	24-129				
4-Chloroaniline	0.561	0.0626	"	1.25		44.9	10-132				
4-Chlorophenyl phenyl ether	0.866	0.0626	"	1.25		69.3	27-124				
4-Nitroaniline	1.01	0.125	"	1.25		80.6	16-128				
4-Nitrophenol	1.21	0.125	"	1.25		97.2	10-141				
Acenaphthene	0.936	0.0626	"	1.25		74.8	30-121				
Acenaphthylene	0.895	0.0626	"	1.25		71.6	30-115				
Acetophenone	0.894	0.0626	"	1.25		71.6	20-112				
Aniline	0.518	0.250	"	1.25		41.4	10-119				
Anthracene	0.932	0.0626	"	1.25		74.5	34-118				
Atrazine	0.988	0.0626	"	1.25		79.0	26-112				
Benzaldehyde	0.944	0.0626	"	1.25		75.5	21-100				
Benzo(a)anthracene	0.932	0.0626	"	1.25		74.6	32-122				
Benzo(a)pyrene	0.950	0.0626	"	1.25		76.0	29-133				
Benzo(b)fluoranthene	0.877	0.0626	"	1.25		70.1	25-133				
Benzo(g,h,i)perylene	1.02	0.0626	"	1.25		81.2	10-143				
Benzo(k)fluoranthene	0.854	0.0626	"	1.25		68.3	25-128				
Benzoic acid	1.44	0.0626	"	1.45		99.3	10-140				
Benzyl alcohol	0.821	0.0626	"	1.25		65.7	30-115				
Benzyl butyl phthalate	0.931	0.0626	"	1.25		74.5	26-126				
Bis(2-chloroethoxy)methane	0.839	0.0626	"	1.25		67.1	19-132				
Bis(2-chloroethyl)ether	0.815	0.0626	"	1.25		65.2	19-125				
Bis(2-chloroisopropyl)ether	0.910	0.0626	"	1.25		72.8	20-135				
Bis(2-ethylhexyl)phthalate	0.958	0.0626	"	1.25		76.6	10-155				
Caprolactam	0.826	0.125	"	1.25		66.1	10-127				
Carbazole	0.786	0.0626	"	1.25		62.8	35-123				
Chrysene	0.942	0.0626	"	1.25		75.3	32-123				
Dibenzo(a,h)anthracene	1.03	0.0626	"	1.25		82.4	10-136				
Dibenzofuran	0.890	0.0626	"	1.25		71.2	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80467 - EPA 3545A											
LCS (BB80467-BS1)								Prepared & Analyzed: 02/13/2018			
Diethyl phthalate	0.882	0.0626	mg/kg wet	1.25		70.6	34-116				
Dimethyl phthalate	0.928	0.0626	"	1.25		74.2	35-124				
Di-n-butyl phthalate	0.878	0.0626	"	1.25		70.3	31-116				
Di-n-octyl phthalate	0.940	0.0626	"	1.25		75.2	26-136				
Diphenylamine	0.988	0.125	"	1.25		79.0	40-140				
Fluoranthene	0.888	0.0626	"	1.25		71.0	33-122				
Fluorene	0.905	0.0626	"	1.25		72.4	29-123				
Hexachlorobenzene	0.645	0.0626	"	1.25		51.6	21-124				
Hexachlorobutadiene	0.697	0.0626	"	1.25		55.8	10-149				
Hexachlorocyclopentadiene	0.510	0.0626	"	1.25		40.8	10-129				
Hexachloroethane	0.674	0.0626	"	1.25		54.0	28-108				
Indeno(1,2,3-cd)pyrene	0.982	0.0626	"	1.25		78.6	10-135				
Isophorone	0.756	0.0626	"	1.25		60.5	20-132				
Naphthalene	0.878	0.0626	"	1.25		70.2	23-124				
Nitrobenzene	0.792	0.0626	"	1.25		63.3	13-132				
N-Nitrosodimethylamine	0.786	0.0626	"	1.25		62.9	11-129				
N-nitroso-di-n-propylamine	0.766	0.0626	"	1.25		61.3	24-119				
N-Nitrosodiphenylamine	1.04	0.0626	"	1.25		82.9	22-152				
Pentachlorophenol	0.900	0.0626	"	1.25		72.0	10-139				
Phenanthrene	0.936	0.0626	"	1.25		74.8	33-123				
Phenol	0.918	0.0626	"	1.25		73.4	23-115				
Pyrene	0.998	0.0626	"	1.25		79.8	32-130				
Pyridine	0.884	0.250	"	1.25		70.7	10-91				
Surrogate: 2-Fluorophenol	*2.66*		"	*3.82*		*69.6*	*20-108*				
Surrogate: Phenol-d5	*2.44*		"	*3.88*		*62.9*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.96*		"	*2.72*		*72.1*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.73*		"	*2.64*		*65.7*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.66*		"	*3.88*		*94.3*	*19-110*				
Surrogate: Terphenyl-d14	*1.58*		"	*2.53*		*62.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BB80467 - EPA 3545A

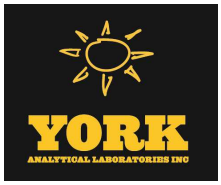
Matrix Spike (BB80467-MS1) *Source sample: 18B0372-04 (SB-118_15-17) Prepared & Analyzed: 02/13/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	1.22	0.135	mg/kg dry	1.35	ND	90.3	10-130				
1,2,4,5-Tetrachlorobenzene	1.20	0.270	"	1.35	ND	88.8	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.905	0.135	"	1.35	ND	67.0	10-144				
2,3,4,6-Tetrachlorophenol	2.60	0.270	"	1.35	ND	192	30-130	High Bias			
2,4,5-Trichlorophenol	1.16	0.135	"	1.35	ND	86.1	10-127				
2,4,6-Trichlorophenol	1.20	0.135	"	1.35	ND	88.5	10-132				
2,4-Dichlorophenol	1.16	0.135	"	1.35	ND	86.1	10-128				
2,4-Dimethylphenol	1.22	0.135	"	1.35	ND	89.9	10-137				
2,4-Dinitrophenol	0.982	0.270	"	1.35	ND	72.6	10-171				
2,4-Dinitrotoluene	1.41	0.135	"	1.35	ND	104	16-135				
2,6-Dinitrotoluene	1.39	0.135	"	1.35	ND	103	18-131				
2-Chloronaphthalene	0.995	0.135	"	1.35	ND	73.6	10-129				
2-Chlorophenol	1.21	0.135	"	1.35	ND	89.6	15-116				
2-Methylnaphthalene	1.60	0.135	"	1.35	0.474	83.3	10-147				
2-Methylphenol	1.23	0.135	"	1.35	ND	91.4	10-136				
2-Nitroaniline	1.52	0.270	"	1.35	ND	112	10-137				
2-Nitrophenol	1.42	0.135	"	1.35	ND	105	10-129				
3- & 4-Methylphenols	1.07	0.135	"	1.35	ND	78.8	10-123				
3,3-Dichlorobenzidine	1.05	0.135	"	1.35	ND	78.0	10-155				
3-Nitroaniline	1.25	0.270	"	1.35	ND	92.3	12-133				
4,6-Dinitro-2-methylphenol	1.06	0.270	"	1.35	ND	78.3	10-155				
4-Bromophenyl phenyl ether	1.19	0.135	"	1.35	ND	87.7	14-128				
4-Chloro-3-methylphenol	1.22	0.135	"	1.35	ND	90.2	10-134				
4-Chloroaniline	0.768	0.135	"	1.35	ND	56.8	10-145				
4-Chlorophenyl phenyl ether	1.11	0.135	"	1.35	ND	82.2	14-130				
4-Nitroaniline	1.26	0.270	"	1.35	ND	93.4	10-147				
4-Nitrophenol	1.53	0.270	"	1.35	ND	113	10-137				
Acenaphthene	1.19	0.135	"	1.35	ND	88.4	10-146				
Acenaphthylene	1.13	0.135	"	1.35	ND	83.6	10-134				
Acetophenone	1.14	0.135	"	1.35	ND	84.6	10-116				
Aniline	0.607	0.542	"	1.35	ND	44.9	10-123				
Anthracene	1.20	0.135	"	1.35	ND	89.0	10-142				
Atrazine	1.20	0.135	"	1.35	ND	88.9	19-115				
Benzaldehyde	2.77	0.135	"	1.35	ND	205	10-125	High Bias			
Benzo(a)anthracene	1.28	0.135	"	1.35	0.0797	88.9	10-158				
Benzo(a)pyrene	1.23	0.135	"	1.35	0.100	83.8	10-180				
Benzo(b)fluoranthene	1.21	0.135	"	1.35	0.0721	83.9	10-200				
Benzo(g,h,i)perylene	1.20	0.135	"	1.35	ND	88.6	10-138				
Benzo(k)fluoranthene	1.18	0.135	"	1.35	0.0994	80.2	10-197				
Benzoic acid	2.55	0.135	"	1.57	ND	162	10-166				
Benzyl alcohol	1.11	0.135	"	1.35	ND	82.2	12-124				
Benzyl butyl phthalate	1.23	0.135	"	1.35	ND	91.3	10-154				
Bis(2-chloroethoxy)methane	1.18	0.135	"	1.35	ND	87.0	10-132				
Bis(2-chloroethyl)ether	1.11	0.135	"	1.35	ND	82.1	10-119				
Bis(2-chloroisopropyl)ether	1.19	0.135	"	1.35	ND	88.2	10-139				
Bis(2-ethylhexyl)phthalate	1.28	0.135	"	1.35	ND	95.0	10-167				
Caprolactam	1.23	0.270	"	1.35	ND	91.0	10-132				
Carbazole	0.977	0.135	"	1.35	ND	72.2	10-167				
Chrysene	1.22	0.135	"	1.35	0.0928	83.4	10-156				
Dibenzo(a,h)anthracene	1.18	0.135	"	1.35	ND	87.5	10-137				
Dibenzofuran	1.16	0.135	"	1.35	ND	85.8	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80467 - EPA 3545A											
Matrix Spike (BB80467-MS1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/13/2018			
Diethyl phthalate	1.08	0.135	mg/kg dry	1.35	ND	79.9	20-120				
Dimethyl phthalate	1.15	0.135	"	1.35	ND	85.0	18-131				
Di-n-butyl phthalate	1.15	0.135	"	1.35	ND	85.4	10-137				
Di-n-octyl phthalate	1.32	0.135	"	1.35	ND	98.0	10-180				
Diphenylamine	1.30	0.270	"	1.35	ND	95.8	40-140				
Fluoranthene	1.33	0.135	"	1.35	0.180	84.8	10-160				
Fluorene	1.18	0.135	"	1.35	ND	87.4	10-157				
Hexachlorobenzene	0.780	0.135	"	1.35	ND	57.7	10-137				
Hexachlorobutadiene	0.856	0.135	"	1.35	ND	63.4	10-132				
Hexachlorocyclopentadiene	0.579	0.135	"	1.35	ND	42.8	10-106				
Hexachloroethane	1.53	0.135	"	1.35	ND	113	10-110	High Bias			
Indeno(1,2,3-cd)pyrene	1.11	0.135	"	1.35	ND	82.1	10-144				
Isophorone	0.940	0.135	"	1.35	ND	69.5	10-132				
Naphthalene	2.07	0.135	"	1.35	1.10	71.8	10-141				
Nitrobenzene	1.06	0.135	"	1.35	ND	78.4	10-131				
N-Nitrosodimethylamine	1.02	0.135	"	1.35	ND	75.3	10-126				
N-nitroso-di-n-propylamine	1.03	0.135	"	1.35	ND	76.4	10-125				
N-Nitrosodiphenylamine	1.28	0.135	"	1.35	ND	95.0	10-177				
Pentachlorophenol	1.28	0.135	"	1.35	ND	94.7	10-153				
Phenanthrene	1.26	0.135	"	1.35	0.0710	87.9	10-148				
Phenol	1.21	0.135	"	1.35	ND	89.6	10-126				
Pyrene	1.41	0.135	"	1.35	0.163	92.0	10-165				
Pyridine	1.03	0.542	"	1.35	ND	76.2	10-83				
Surrogate: 2-Fluorophenol	*3.11*		*"*	*4.13*		*75.4*	*20-108*				
Surrogate: Phenol-d5	*3.00*		*"*	*4.20*		*71.4*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.30*		*"*	*2.94*		*78.1*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*2.02*		*"*	*2.85*		*71.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*4.23*		*"*	*4.20*		*101*	*19-110*				
Surrogate: Terphenyl-d14	*1.77*		*"*	*2.74*		*64.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80467 - EPA 3545A											
Matrix Spike Dup (BB80467-MSD1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/13/2018			
1,1-Biphenyl	1.30	0.136	mg/kg dry	1.36	ND	95.8	10-130		6.34	30	
1,2,4,5-Tetrachlorobenzene	1.25	0.272	"	1.36	ND	92.2	10-133		4.29	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.937	0.136	"	1.36	ND	69.0	10-144		3.44	30	
2,3,4,6-Tetrachlorophenol	2.52	0.272	"	1.36	ND	186	30-130	High Bias	2.90	30	
2,4,5-Trichlorophenol	1.23	0.136	"	1.36	ND	90.9	10-127		5.92	30	
2,4,6-Trichlorophenol	1.25	0.136	"	1.36	ND	92.0	10-132		4.39	30	
2,4-Dichlorophenol	1.28	0.136	"	1.36	ND	94.1	10-128		9.37	30	
2,4-Dimethylphenol	1.27	0.136	"	1.36	ND	93.4	10-137		4.25	30	
2,4-Dinitrophenol	1.07	0.272	"	1.36	ND	79.0	10-171		8.93	30	
2,4-Dinitrotoluene	1.51	0.136	"	1.36	ND	111	16-135		7.10	30	
2,6-Dinitrotoluene	1.25	0.136	"	1.36	ND	92.2	18-131		10.3	30	
2-Chloronaphthalene	0.992	0.136	"	1.36	ND	73.0	10-129		0.270	30	
2-Chlorophenol	1.21	0.136	"	1.36	ND	89.0	15-116		0.223	30	
2-Methylnaphthalene	1.69	0.136	"	1.36	0.474	89.3	10-147		5.37	30	
2-Methylphenol	1.23	0.136	"	1.36	ND	90.9	10-136		0.0330	30	
2-Nitroaniline	1.63	0.272	"	1.36	ND	120	10-137		7.03	30	
2-Nitrophenol	1.52	0.136	"	1.36	ND	112	10-129		6.61	30	
3- & 4-Methylphenols	1.16	0.136	"	1.36	ND	85.2	10-123		8.30	30	
3,3-Dichlorobenzidine	1.11	0.136	"	1.36	ND	81.9	10-155		5.40	30	
3-Nitroaniline	1.19	0.272	"	1.36	ND	87.8	12-133		4.48	30	
4,6-Dinitro-2-methylphenol	1.10	0.272	"	1.36	ND	80.8	10-155		3.61	30	
4-Bromophenyl phenyl ether	1.20	0.136	"	1.36	ND	88.1	14-128		0.949	30	
4-Chloro-3-methylphenol	1.22	0.136	"	1.36	ND	89.6	10-134		0.218	30	
4-Chloroaniline	0.737	0.136	"	1.36	ND	54.2	10-145		4.12	30	
4-Chlorophenyl phenyl ether	1.11	0.136	"	1.36	ND	81.6	14-130		0.190	30	
4-Nitroaniline	1.30	0.272	"	1.36	ND	95.8	10-147		3.12	30	
4-Nitrophenol	1.52	0.272	"	1.36	ND	112	10-137		0.570	30	
Acenaphthene	1.19	0.136	"	1.36	ND	87.8	10-146		0.142	30	
Acenaphthylene	1.15	0.136	"	1.36	ND	84.6	10-134		1.64	30	
Acetophenone	1.17	0.136	"	1.36	ND	86.2	10-116		2.27	30	
Aniline	0.629	0.544	"	1.36	ND	46.3	10-123		3.65	30	
Anthracene	1.23	0.136	"	1.36	ND	90.9	10-142		2.54	30	
Atrazine	1.18	0.136	"	1.36	ND	87.2	19-115		1.41	30	
Benzaldehyde	2.49	0.136	"	1.36	ND	183	10-125	High Bias	10.7	30	
Benzo(a)anthracene	1.26	0.136	"	1.36	0.0797	86.7	10-158		1.90	30	
Benzo(a)pyrene	1.44	0.136	"	1.36	0.100	98.4	10-180		15.3	30	
Benzo(b)fluoranthene	1.36	0.136	"	1.36	0.0721	95.2	10-200		12.4	30	
Benzo(g,h,i)perylene	1.25	0.136	"	1.36	ND	92.2	10-138		4.48	30	
Benzo(k)fluoranthene	1.18	0.136	"	1.36	0.0994	79.3	10-197		0.517	30	
Benzoic acid	3.02	0.136	"	1.58	ND	192	10-166	High Bias	17.1	30	
Benzyl alcohol	1.08	0.136	"	1.36	ND	79.7	12-124		2.67	30	
Benzyl butyl phthalate	1.28	0.136	"	1.36	ND	94.1	10-154		3.51	30	
Bis(2-chloroethoxy)methane	1.18	0.136	"	1.36	ND	87.2	10-132		0.769	30	
Bis(2-chloroethyl)ether	1.21	0.136	"	1.36	ND	89.3	10-119		8.90	30	
Bis(2-chloroisopropyl)ether	1.25	0.136	"	1.36	ND	91.7	10-139		4.32	30	
Bis(2-ethylhexyl)phthalate	1.29	0.136	"	1.36	ND	94.7	10-167		0.156	30	
Caprolactam	1.17	0.272	"	1.36	ND	86.2	10-132		4.93	30	
Carbazole	0.995	0.136	"	1.36	ND	73.3	10-167		1.92	30	
Chrysene	1.24	0.136	"	1.36	0.0928	84.1	10-156		1.29	30	
Dibenzo(a,h)anthracene	1.29	0.136	"	1.36	ND	94.9	10-137		8.56	30	
Dibenzofuran	1.18	0.136	"	1.36	ND	87.0	10-147		1.88	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80467 - EPA 3545A											
Matrix Spike Dup (BB80467-MSD1)	*Source sample: 18B0372-04 (SB-118_15-17)								Prepared & Analyzed: 02/13/2018		
Diethyl phthalate	1.09	0.136	mg/kg dry	1.36	ND	79.9	20-120		0.494	30	
Dimethyl phthalate	1.15	0.136	"	1.36	ND	84.7	18-131		0.117	30	
Di-n-butyl phthalate	1.17	0.136	"	1.36	ND	86.5	10-137		1.70	30	
Di-n-octyl phthalate	1.45	0.136	"	1.36	ND	107	10-180		9.09	30	
Diphenylamine	1.38	0.272	"	1.36	ND	102	40-140		6.41	30	
Fluoranthene	1.38	0.136	"	1.36	0.180	88.3	10-160		3.86	30	
Fluorene	1.19	0.136	"	1.36	ND	87.6	10-157		0.768	30	
Hexachlorobenzene	0.838	0.136	"	1.36	ND	61.7	10-137		7.20	30	
Hexachlorobutadiene	0.914	0.136	"	1.36	ND	67.3	10-132		6.49	30	
Hexachlorocyclopentadiene	0.544	0.136	"	1.36	ND	40.1	10-106		6.07	30	
Hexachloroethane	1.58	0.136	"	1.36	ND	116	10-110	High Bias	2.80	30	
Indeno(1,2,3-cd)pyrene	1.23	0.136	"	1.36	ND	90.4	10-144		10.1	30	
Isophorone	0.966	0.136	"	1.36	ND	71.1	10-132		2.77	30	
Naphthalene	2.12	0.136	"	1.36	1.10	74.6	10-141		1.99	30	
Nitrobenzene	1.06	0.136	"	1.36	ND	78.2	10-131		0.290	30	
N-Nitrosodimethylamine	1.04	0.136	"	1.36	ND	76.5	10-126		2.08	30	
N-nitroso-di-n-propylamine	1.09	0.136	"	1.36	ND	80.6	10-125		5.79	30	
N-Nitrosodiphenylamine	1.35	0.136	"	1.36	ND	99.2	10-177		4.86	30	
Pentachlorophenol	1.22	0.136	"	1.36	ND	90.1	10-153		4.53	30	
Phenanthrene	1.35	0.136	"	1.36	0.0710	93.9	10-148		6.65	30	
Phenol	1.31	0.136	"	1.36	ND	96.2	10-126		7.64	30	
Pyrene	1.41	0.136	"	1.36	0.163	92.1	10-165		0.571	30	
Pyridine	1.14	0.544	"	1.36	ND	83.8	10-83	High Bias	9.89	30	
Surrogate: 2-Fluorophenol	*3.18*		"	*4.15*		*76.5*	*20-108*				
Surrogate: Phenol-d5	*3.17*		"	*4.22*		*75.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*2.39*		"	*2.96*		*80.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*2.04*		"	*2.86*		*71.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*4.21*		"	*4.22*		*99.8*	*19-110*				
Surrogate: Terphenyl-d14	*1.85*		"	*2.75*		*67.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80467 - EPA 3545A											
Blank (BB80467-BLK1)									Prepared & Analyzed: 02/13/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80469 - EPA 3550C											
Blank (BB80469-BLK1)											Prepared & Analyzed: 02/13/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0767*		*"*	*0.0697*		*110*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0750*		*"*	*0.0673*		*111*	*30-150*				
LCS (BB80469-BS1)											Prepared & Analyzed: 02/13/2018
4,4'-DDD	0.0362	0.000330	mg/kg wet	0.0333		109	40-140				
4,4'-DDE	0.0337	0.000330	"	0.0333		101	40-140				
4,4'-DDT	0.0346	0.000330	"	0.0333		104	40-140				
Aldrin	0.0332	0.000330	"	0.0333		99.5	40-140				
alpha-BHC	0.0345	0.000330	"	0.0333		104	40-140				
alpha-Chlordane	0.0315	0.000330	"	0.0333		94.6	40-140				
beta-BHC	0.0345	0.000330	"	0.0333		104	40-140				
delta-BHC	0.0368	0.000330	"	0.0333		110	40-140				
Dieldrin	0.0328	0.000330	"	0.0333		98.3	40-140				
Endosulfan I	0.0352	0.000330	"	0.0333		106	40-140				
Endosulfan II	0.0331	0.000330	"	0.0333		99.3	40-140				
Endosulfan sulfate	0.0356	0.000330	"	0.0333		107	40-140				
Endrin	0.0382	0.000330	"	0.0333		115	40-140				
Endrin aldehyde	0.0336	0.000330	"	0.0333		101	40-140				
Endrin ketone	0.0343	0.000330	"	0.0333		103	40-140				
gamma-BHC (Lindane)	0.0336	0.000330	"	0.0333		101	40-140				
gamma-Chlordane	0.0323	0.000330	"	0.0333		96.8	40-140				
Heptachlor	0.0298	0.000330	"	0.0333		89.3	40-140				
Heptachlor epoxide	0.0312	0.000330	"	0.0333		93.5	40-140				
Methoxychlor	0.0348	0.00165	"	0.0333		104	40-140				
Surrogate: Decachlorobiphenyl	*0.0624*		*"*	*0.0697*		*89.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0501*		*"*	*0.0673*		*74.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80469 - EPA 3550C											
Matrix Spike (BB80469-MS1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.0296	0.00181	mg/kg dry	0.0366	ND	80.9	30-150				
4,4'-DDE	0.0257	0.00181	"	0.0366	ND	70.3	30-150				
4,4'-DDT	0.0308	0.00181	"	0.0366	ND	84.2	30-150				
Aldrin	0.0352	0.00181	"	0.0366	ND	96.3	30-150				
alpha-BHC	0.0274	0.00181	"	0.0366	ND	75.0	30-150				
alpha-Chlordane	0.0301	0.00181	"	0.0366	ND	82.2	30-150				
beta-BHC	0.0318	0.00181	"	0.0366	ND	86.9	30-150				
delta-BHC	0.0286	0.00181	"	0.0366	ND	78.2	30-150				
Dieldrin	0.0301	0.00181	"	0.0366	ND	82.3	30-150				
Endosulfan I	0.0307	0.00181	"	0.0366	ND	83.8	30-150				
Endosulfan II	0.0291	0.00181	"	0.0366	ND	79.6	30-150				
Endosulfan sulfate	0.0277	0.00181	"	0.0366	ND	75.8	30-150				
Endrin	0.0313	0.00181	"	0.0366	ND	85.5	30-150				
Endrin aldehyde	0.0250	0.00181	"	0.0366	ND	68.4	30-150				
Endrin ketone	0.0312	0.00181	"	0.0366	ND	85.3	30-150				
gamma-BHC (Lindane)	0.0305	0.00181	"	0.0366	ND	83.4	30-150				
gamma-Chlordane	0.0280	0.00181	"	0.0366	ND	76.6	30-150				
Heptachlor	0.0317	0.00181	"	0.0366	ND	86.5	30-150				
Heptachlor epoxide	0.0303	0.00181	"	0.0366	ND	82.9	30-150				
Methoxychlor	0.0414	0.00906	"	0.0366	ND	113	30-150				
Surrogate: Decachlorobiphenyl	*0.0672*		*"*	*0.0765*		*87.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0522*		*"*	*0.0739*		*70.7*	*30-150*				
Matrix Spike Dup (BB80469-MSD1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.0391	0.00181	mg/kg dry	0.0366	ND	107	30-150		27.6	30	
4,4'-DDE	0.0349	0.00181	"	0.0366	ND	95.3	30-150		30.1	30	Non-dir.
4,4'-DDT	0.0399	0.00181	"	0.0366	ND	109	30-150		25.8	30	
Aldrin	0.0466	0.00181	"	0.0366	ND	127	30-150		27.9	30	
alpha-BHC	0.0377	0.00181	"	0.0366	ND	103	30-150		31.4	30	Non-dir.
alpha-Chlordane	0.0388	0.00181	"	0.0366	ND	106	30-150		25.3	30	
beta-BHC	0.0420	0.00181	"	0.0366	ND	115	30-150		27.8	30	
delta-BHC	0.0395	0.00181	"	0.0366	ND	108	30-150		32.0	30	Non-dir.
Dieldrin	0.0391	0.00181	"	0.0366	ND	107	30-150		25.9	30	
Endosulfan I	0.0398	0.00181	"	0.0366	ND	109	30-150		25.8	30	
Endosulfan II	0.0361	0.00181	"	0.0366	ND	98.6	30-150		21.3	30	
Endosulfan sulfate	0.0325	0.00181	"	0.0366	ND	88.7	30-150		15.7	30	
Endrin	0.0413	0.00181	"	0.0366	ND	113	30-150		27.6	30	
Endrin aldehyde	0.0309	0.00181	"	0.0366	ND	84.3	30-150		20.9	30	
Endrin ketone	0.0376	0.00181	"	0.0366	ND	103	30-150		18.5	30	
gamma-BHC (Lindane)	0.0418	0.00181	"	0.0366	ND	114	30-150		31.2	30	Non-dir.
gamma-Chlordane	0.0365	0.00181	"	0.0366	ND	99.8	30-150		26.3	30	
Heptachlor	0.0455	0.00181	"	0.0366	ND	124	30-150		35.9	30	Non-dir.
Heptachlor epoxide	0.0395	0.00181	"	0.0366	ND	108	30-150		26.3	30	
Methoxychlor	0.0447	0.00906	"	0.0366	ND	122	30-150		7.77	30	
Surrogate: Decachlorobiphenyl	*0.0831*		*"*	*0.0765*		*109*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0724*		*"*	*0.0739*		*98.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B1401 - BL70213											
Performance Mix (Y8B1401-PEM1)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.913		"	0.00			0-200				
4,4'-DDT	169		"	200		84.6	0-200				
Endrin	109		"	100		109	0-200				
Endrin aldehyde	0.577		"	0.00			0-200				
Endrin ketone	2.01		"	0.00			0-200				
Performance Mix (Y8B1401-PEM2)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.517		"	0.00			0-200				
4,4'-DDT	242		"	200		121	0-200				
Endrin	142		"	100		142	0-200				
Endrin aldehyde	0.578		"	0.00			0-200				
Endrin ketone	2.95		"	0.00			0-200				
Batch Y8B1501 - BL70213											
Performance Mix (Y8B1501-PEM1)								Prepared & Analyzed: 02/14/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.570		"	0.00			0-200				
4,4'-DDT	248		"	200		124	0-200				
Endrin	142		"	100		142	0-200				
Endrin aldehyde	0.715		"	0.00			0-200				
Endrin ketone	2.20		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B1501 - BL70213											
Performance Mix (Y8B1501-PEM2)											Prepared & Analyzed: 02/14/2018
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.482		"	0.00			0-200				
4,4'-DDT	219		"	200		110	0-200				
Endrin	132		"	100		132	0-200				
Endrin aldehyde	0.432		"	0.00			0-200				
Endrin ketone	2.74		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80469 - EPA 3550C											
Blank (BB80469-BLK2)									Prepared & Analyzed: 02/13/2018		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0690*		*"*	*0.0673*		*102*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0653*		*"*	*0.0697*		*93.8*	*30-140*				
LCS (BB80469-BS2)									Prepared & Analyzed: 02/13/2018		
Aroclor 1016	0.390	0.0167	mg/kg wet	0.333		117	40-130				
Aroclor 1260	0.399	0.0167	"	0.333		120	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0673*		*"*	*0.0673*		*100*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0647*		*"*	*0.0697*		*92.8*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80601 - EPA 3550B/8151A											
Blank (BB80601-BLK1)								Prepared & Analyzed: 02/15/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.727*		*"*	*0.500*		*145*	*30-150*				
LCS (BB80601-BS1)								Prepared & Analyzed: 02/15/2018			
2,4,5-T	0.173	0.0200	mg/kg wet	0.160		108	40-140				
2,4,5-TP (Silvex)	0.188	0.0200	"	0.160		118	40-140				
2,4-D	0.193	0.0200	"	0.160		121	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.618*		*"*	*0.500*		*124*	*30-150*				
Matrix Spike (BB80601-MS1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/15/2018			
2,4,5-T	0.134	0.0220	mg/kg dry	0.176	ND	76.2	30-150				
2,4,5-TP (Silvex)	0.135	0.0220	"	0.176	ND	76.9	30-150				
2,4-D	0.134	0.0220	"	0.176	ND	76.2	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.772*		*"*	*0.549*		*141*	*30-150*				
Matrix Spike Dup (BB80601-MSD1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/15/2018			
2,4,5-T	0.140	0.0219	mg/kg dry	0.175	ND	80.0	30-150		4.40	35	
2,4,5-TP (Silvex)	0.134	0.0219	"	0.175	ND	76.9	30-150		0.399	35	
2,4-D	0.140	0.0219	"	0.175	ND	80.0	30-150		4.40	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.794*		*"*	*0.547*		*145*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80420 - EPA 3050B											
Blank (BB80420-BLK1)											Prepared: 02/12/2018 Analyzed: 02/15/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.00	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	2.00	"								
Iron	ND	2.00	"								
Lead	ND	2.00	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	46.2	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Reference (BB80420-SRM1)											Prepared: 02/12/2018 Analyzed: 02/15/2018
Aluminum	8340	5.00	mg/kg wet	8090		103	49.8-149.6				
Antimony	100	2.00	"	99.3		101	0.5-207.5				
Arsenic	102	1.00	"	100		102	80.9-120				
Barium	227	1.00	"	217		105	81.6-118.4				
Beryllium	147	0.100	"	147		100	81.6-119.1				
Cadmium	87.7	0.300	"	83.7		105	81.2-118.9				
Calcium	5930	5.00	"	6010		98.7	80.9-119				
Chromium	113	0.500	"	107		106	77.5-121.5				
Cobalt	138	0.500	"	123		112	82.1-117.9				
Copper	195	2.00	"	166		117	80.7-118.7				
Iron	12600	2.00	"	14600		86.5	45.1-154.8				
Lead	94.5	2.00	"	88.4		107	81.2-118.8				
Magnesium	3100	5.00	"	2930		106	74.7-125.3				
Manganese	350	0.500	"	311		113	80.1-119.9				
Nickel	62.9	0.500	"	49.8		126	80.9-118.9	High Bias			
Potassium	3060	5.00	"	2620		117	69.1-130.9				
Selenium	97.6	1.00	"	87.7		111	76.1-124.3				
Silver	41.9	0.500	"	41.4		101	73.7-126.1				
Sodium	ND	10.0	"	252			69.1-131.4	Low Bias			
Thallium	54.2	1.00	"	58.1		93.2	77.6-122.6				
Vanadium	139	1.00	"	140		99.0	76.4-122.9				
Zinc	146	2.50	"	145		101	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80416 - EPA 7473 soil											
Blank (BB80416-BLK1)								Prepared & Analyzed: 02/12/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB80416-DUP1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/12/2018			
Mercury	ND	0.0329	mg/kg dry		ND					35	
Matrix Spike (BB80416-MS1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/12/2018			
Mercury	0.394		mg/kg	0.500	0.0123	76.3	75-125				
Reference (BB80416-SRM1)								Prepared & Analyzed: 02/12/2018			
Mercury	13.790		mg/kg	13.8		99.9	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80658 - % Solids Prep											
Duplicate (BB80658-DUP1)	*Source sample: 18B0372-04 (SB-118_15-17)								Prepared: 02/15/2018 Analyzed: 02/16/2018		
% Solids	91.2	0.100	%		91.1				0.127	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80492 - EPA SW846-3060											
Blank (BB80492-BLK1)								Prepared & Analyzed: 02/13/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BB80492-DUP1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/13/2018			
Chromium, Hexavalent	ND	0.549	mg/kg dry		ND					35	
Matrix Spike (BB80492-MS1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/13/2018			
Chromium, Hexavalent	23.8	0.549	mg/kg dry	22.0	ND	108	75-125				
Reference (BB80492-SRM1)								Prepared & Analyzed: 02/13/2018			
Chromium, Hexavalent	92.8		mg/L	207		44.8	40.5-101.9				
Batch BB80611 - Analysis Preparation Soil											
Blank (BB80611-BLK1)								Prepared & Analyzed: 02/15/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BB80611-DUP1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/15/2018			
Cyanide, total	ND	0.549	mg/kg dry		ND					15	
Matrix Spike (BB80611-MS1)	*Source sample: 18B0372-04 (SB-118_15-17)							Prepared & Analyzed: 02/15/2018			
Cyanide, total	8.84	0.549	mg/kg dry	11.0	ND	80.5	79.6-107				
Reference (BB80611-SRM1)								Prepared & Analyzed: 02/15/2018			
Cyanide, total	39.5		ug/mL	62.8		62.9	6.37-86				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0372-01	SB-118_0-2	8 oz. WM Clear Glass Cool to 4° C
18B0372-04	SB-118_15-17	40mL Vial with Stir Bar-Cool 4° C
18B0372-07	SB-118_43-45	40mL Vial with Stir Bar-Cool 4° C
18B0372-07	SB-118_43-45	40mL Vial with Stir Bar-Cool 4° C
18B0372-08	SB-118_67-69	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-Jar	VOA sample was taken from a container noncompliant with SW-846 5035A due to a depletion of low-level vials. Results below 200 ug/Kg may be biased low.
VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QM-11	The spike recovery or RPD may not be available or within QC limits because of sample dilution due to high analyte concentration and/or matrix interference.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES INC
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B0372

YOUR Information

Company: Langan
Address: 360 W 31st St. New York, N.Y. 10001
Phone No. 212-479-5400
Contact Person: Kim Del Col
E-Mail Address: KDelCol@Langan.com

Report To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ✓

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS ✓
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Michael Lin

Name (printed)

Matrix Codes

S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-118-0-2	2/9/18 745	S	TCL+30 VOCs, SVOCs, PCBs, Pesticide, Herbicide, TAL Metals	4-40mL vials, 2-8oz glass
SB-118_6-7	0800	S	HOLD	
SB-118_10-12	0815	S	HOLD	
SB-118_15-17	0900	S		
SB-118_23-25	1010	S	HOLD	
SB-118_28-30	1030	S	HOLD	
SB-118_43-45	1120	S		
SB-118_67-69	1230	S		
EB MS04_020918		S		
EB MSD04_020918		S		

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Michael Lin	2/9/18 1745	[signature]	2/9/18 1745
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Gahl	2/9/18 1908

Temperature on Receipt 5.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/19/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0417

Report Date: 02/19/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0417

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 12, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0417-01	SVP125_021218	Soil Vapor	02/12/2018	02/12/2018
18B0417-02	SVP126_021218	Soil Vapor	02/12/2018	02/12/2018
18B0417-03	SVP118_021218	Soil Vapor	02/12/2018	02/12/2018
18B0417-04	AA002_021218	Outdoor Ambient Ai	02/12/2018	02/12/2018

General Notes for York Project (SDG) No.: 18B0417

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/19/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SVP125_021218 **York Sample ID:** 18B0417-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.1	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.84	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.1	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.84	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.63	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	**1,2,4-Trichlorobenzene**	**1.6**	IS-LO	ug/m³	1.1	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**34**	IS-LO	ug/m³	0.76	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	0.93	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.63	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.71	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**9.7**	IS-LO	ug/m³	0.76	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	0.93	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.71	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	0.93	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**96**		ug/m³	0.46	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP125_021218 **York Sample ID:** 18B0417-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**61**		ug/m³	1.3	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**77**		ug/m³	0.63	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**170**	E	ug/m³	0.73	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.34	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**6.7**		ug/m³	0.49	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.80	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.6	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.60	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**2.6**		ug/m³	0.48	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.49**		ug/m³	0.24	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.71	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.41	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**6.0**		ug/m³	0.75	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.32	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.70	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**3.4**		ug/m³	0.53	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.76	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP125_021218 **York Sample ID:** 18B0417-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**22**	IS-LO	ug/m³	0.67	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.6	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**13**		ug/m³	0.76	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.63	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.56	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**12**		ug/m³	0.63	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**8.9**		ug/m³	0.54	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**31**	IS-LO	ug/m³	0.67	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**94**	IS-LO	ug/m³	1.3	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**33**	IS-LO	ug/m³	0.76	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:			
115-07-1	*** Propylene**	**5.8**		ug/m³	0.27	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:			
100-42-5	**Styrene**	**7.4**	IS-LO	ug/m³	0.66	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**12**		ug/m³	0.26	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.91	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:			
108-88-3	**Toluene**	**29**		ug/m³	0.58	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.61	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.70	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**0.75**		ug/m³	0.21	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.87	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.54	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.68	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SVP125_021218 **York Sample ID:** 18B0417-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.099	1.546	EPA TO-15	02/13/2018 13:53	02/13/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP126_021218 **York Sample ID:** 18B0417-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.81	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.81	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.60	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.1	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**33**	IS-LO	ug/m³	0.73	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.1	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	0.89	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.60	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.69	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**10**	IS-LO	ug/m³	0.73	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**35**		ug/m³	0.98	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	0.89	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.69	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	0.89	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**72**		ug/m³	0.44	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**76**		ug/m³	1.2	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP126_021218 **York Sample ID:** 18B0417-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.3	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.61	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**82**		ug/m³	0.70	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.32	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**38**		ug/m³	0.47	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.77	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.99	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.5	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.58	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**33**		ug/m³	0.46	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.56**		ug/m³	0.23	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.68	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.39	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**2.7**		ug/m³	0.72	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**2.1**		ug/m³	0.31	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.67	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**85**		ug/m³	0.51	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.73	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**4.3**		ug/m³	1.1	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**33**	IS-LO	ug/m³	0.64	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP126_021218 **York Sample ID:** 18B0417-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.6	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.0**		ug/m³	0.73	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.61	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.53	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**82**		ug/m³	1.0	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**64**		ug/m³	0.61	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**80**		ug/m³	0.52	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**43**	IS-LO	ug/m³	0.64	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**130**	IS-LO	ug/m³	1.3	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**37**	IS-LO	ug/m³	0.73	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:			
115-07-1	*** Propylene**	**390**		ug/m³	2.6	14.83	EPA TO-15	02/15/2018 01:26	02/15/2018 01:26	LDS
							Certifications:			
100-42-5	**Styrene**	**10**	IS-LO	ug/m³	0.63	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**13**		ug/m³	0.25	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.87	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:			
108-88-3	**Toluene**	**44**		ug/m³	0.56	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.59	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.67	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**1.1**		ug/m³	0.20	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.83	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.52	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.65	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.095	1.483	EPA TO-15	02/13/2018 13:53	02/13/2018 18:40	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SVP126_021218** **York Sample ID:** **18B0417-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Sample Information

Client Sample ID: SVP118_021218 **York Sample ID:** 18B0417-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	ug/m³	0.83	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	ug/m³	1.2	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.83	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND	IS-LO	ug/m³	0.62	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND	IS-LO	ug/m³	0.15	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.1	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**59**	IS-LO	ug/m³	0.75	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	0.92	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND	IS-LO	ug/m³	0.62	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.71	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	IS-LO	ug/m³	1.1	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**38**	IS-LO	ug/m³	0.75	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**38**	IS-LO	ug/m³	1.0	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	0.92	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.71	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	0.92	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**76**	IS-LO	ug/m³	0.45	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP118_021218 **York Sample ID:** 18B0417-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND	IS-LO	ug/m³	2.4	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.63	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**130**	IS-LO	ug/m³	0.73	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND	IS-LO	ug/m³	0.33	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**94**	IS-LO	ug/m³	0.49	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.79	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.6	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND	IS-LO	ug/m³	0.59	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**100**	IS-LO	ug/m³	0.48	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.48**	IS-LO	ug/m³	0.24	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.70	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND	IS-LO	ug/m³	0.40	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**97**	IS-LO	ug/m³	0.75	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**2.7**	IS-LO	ug/m³	0.32	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	ug/m³	0.15	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.69	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**2000**	IS-LO	ug/m³	11	30.58	EPA TO-15	02/15/2018 02:28	02/15/2018 02:28	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**3.0**	IS-LO	ug/m³	0.76	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND	IS-LO	ug/m³	1.1	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**1900**	IS-LO	ug/m³	13	30.58	EPA TO-15	02/15/2018 02:28	02/15/2018 02:28	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP118_021218 **York Sample ID:** 18B0417-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.6	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND	IS-LO	ug/m³	0.75	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.63	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	ug/m³	0.55	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND	IS-LO	ug/m³	1.1	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**7600**		ug/m³	50	122.3	EPA TO-15	02/15/2018 20:26	02/15/2018 20:26	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**3000**	IS-LO	ug/m³	11	30.58	EPA TO-15	02/15/2018 02:28	02/15/2018 02:28	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**930**	IS-LO	ug/m³	13	30.58	EPA TO-15	02/15/2018 02:28	02/15/2018 02:28	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**3800**	IS-LO	ug/m³	27	30.58	EPA TO-15	02/15/2018 02:28	02/15/2018 02:28	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**220**	IS-LO	ug/m³	0.75	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:			
115-07-1	*** Propylene**	**1100**	IS-LO	ug/m³	5.3	30.58	EPA TO-15	02/15/2018 02:28	02/15/2018 02:28	LDS
							Certifications:			
100-42-5	Styrene	ND	IS-LO	ug/m³	0.65	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**16**		ug/m³	0.26	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND	IS-LO	ug/m³	0.90	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:			
108-88-3	**Toluene**	**2600**		ug/m³	12	30.58	EPA TO-15	02/15/2018 02:28	02/15/2018 02:28	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	ug/m³	0.61	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.69	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**99**		ug/m³	0.21	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**	IS-LO	ug/m³	0.86	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND	IS-LO	ug/m³	0.54	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND	IS-LO	ug/m³	0.67	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND	IS-LO	ug/m³	0.098	1.529	EPA TO-15	02/13/2018 13:53	02/13/2018 19:45	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID:	SVP118_021218	York Sample ID:	18B0417-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Soil Vapor	February 12, 2018 12:00 pm	02/12/2018

Sample Information

Client Sample ID: AA002_021218 **York Sample ID:** 18B0417-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Outdoor Ambient Air	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**1.3**		ug/m³	0.26	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**0.42**		ug/m³	0.26	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.77**		ug/m³	0.16	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:			

Sample Information

Client Sample ID: AA002_021218 **York Sample ID:** 18B0417-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Outdoor Ambient Air	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**8.9**		ug/m³	0.25	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.2**		ug/m³	0.17	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.30**		ug/m³	0.084	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.26	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.73**		ug/m³	0.11	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.61**		ug/m³	0.18	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.2**		ug/m³	0.26	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.38	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.4**		ug/m³	0.23	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA002_021218 **York Sample ID:** 18B0417-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Outdoor Ambient Air	February 12, 2018 12:00 pm	02/12/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**0.81**		ug/m³	0.26	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.0**		ug/m³	0.37	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**3.4**		ug/m³	0.22	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.2**		ug/m³	0.19	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.4**		ug/m³	0.23	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**4.1**		ug/m³	0.46	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.2**		ug/m³	0.26	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:			
115-07-1	*** Propylene**	**1.1**		ug/m³	0.092	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.23	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**0.72**		ug/m³	0.090	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:			
108-88-3	**Toluene**	**3.8**		ug/m³	0.20	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	**trans-1,2-Dichloroethylene**	**0.40**		ug/m³	0.21	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.072	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.78**		ug/m³	0.30	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	02/13/2018 13:53	02/13/2018 20:55	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **AA002_021218** **York Sample ID:** **18B0417-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0417	170384501	Outdoor Ambient Air	February 12, 2018 12:00 pm	02/12/2018

Analytical Batch Summary

Batch ID: BB80508 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0417-01	SVP125_021218	02/13/18
18B0417-02	SVP126_021218	02/13/18
18B0417-03	SVP118_021218	02/13/18
18B0417-04	AA002_021218	02/13/18
BB80508-BLK1	Blank	02/13/18
BB80508-BS1	LCS	02/13/18
BB80508-DUP1	Duplicate	02/13/18

Batch ID: BB80803 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0417-02RE1	SVP126_021218	02/15/18
18B0417-03RE1	SVP118_021218	02/15/18
BB80803-BLK1	Blank	02/14/18
BB80803-BS1	LCS	02/14/18

Batch ID: BB80808 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0417-03RE2	SVP118_021218	02/15/18
BB80808-BLK1	Blank	02/15/18
BB80808-BS1	LCS	02/15/18

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80508 - EPA TO15 PREP											
Blank (BB80508-BLK1)											
Prepared & Analyzed: 02/13/2018											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80508 - EPA TO15 PREP											
Blank (BB80508-BLK1)								Prepared & Analyzed: 02/13/2018			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*9.16*		*ppbv*	*10.0*		*91.6*	*70-130*				
LCS (BB80508-BS1)								Prepared & Analyzed: 02/13/2018			
1,1,1,2-Tetrachloroethane	10.3		ppbv	10.0		103	70-130				
1,1,1-Trichloroethane	9.77		"	10.0		97.7	70-130				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.84		"	10.0		98.4	70-130				
1,1,2-Trichloroethane	10.1		"	10.0		101	70-130				
1,1-Dichloroethane	9.88		"	10.0		98.8	70-130				
1,1-Dichloroethylene	9.76		"	10.0		97.6	70-130				
1,2,4-Trichlorobenzene	11.9		"	10.0		119	70-130				
1,2,4-Trimethylbenzene	10.9		"	10.0		109	70-130				
1,2-Dibromoethane	10.3		"	10.0		103	70-130				
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130				
1,2-Dichloroethane	9.41		"	10.0		94.1	70-130				
1,2-Dichloropropane	10.4		"	10.0		104	70-130				
1,2-Dichlorotetrafluoroethane	10.3		"	10.0		103	70-130				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70-130				
1,3-Butadiene	10.3		"	10.0		103	70-130				
1,3-Dichlorobenzene	10.6		"	10.0		106	70-130				
1,3-Dichloropropane	10.1		"	10.0		101	70-130				
1,4-Dichlorobenzene	10.9		"	10.0		109	70-130				
1,4-Dioxane	10.0		"	10.0		100	70-130				
2-Butanone	8.24		"	10.0		82.4	70-130				
2-Hexanone	9.73		"	10.0		97.3	70-130				
3-Chloropropene	10.9		"	10.0		109	70-130				
4-Methyl-2-pentanone	8.92		"	10.0		89.2	70-130				
Acetone	7.41		"	10.0		74.1	70-130				
Acrylonitrile	9.31		"	10.0		93.1	70-130				
Benzene	9.77		"	10.0		97.7	70-130				
Benzyl chloride	9.00		"	10.0		90.0	70-130				
Bromodichloromethane	10.3		"	10.0		103	70-130				
Bromoform	11.0		"	10.0		110	70-130				
Bromomethane	10.3		"	10.0		103	70-130				
Carbon disulfide	10.1		"	10.0		101	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80508 - EPA TO15 PREP											
LCS (BB80508-BS1)								Prepared & Analyzed: 02/13/2018			
Carbon tetrachloride	9.85		ppbv	10.0		98.5	70-130				
Chlorobenzene	10.0		"	10.0		100	70-130				
Chloroethane	10.6		"	10.0		106	70-130				
Chloroform	9.82		"	10.0		98.2	70-130				
Chloromethane	9.38		"	10.0		93.8	70-130				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
cis-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Cyclohexane	10.6		"	10.0		106	70-130				
Dibromochloromethane	11.1		"	10.0		111	70-130				
Dichlorodifluoromethane	9.74		"	10.0		97.4	70-130				
Ethyl acetate	9.13		"	10.0		91.3	70-130				
Ethyl Benzene	10.1		"	10.0		101	70-130				
Hexachlorobutadiene	9.37		"	10.0		93.7	70-130				
Isopropanol	8.05		"	10.0		80.5	70-130				
Methyl Methacrylate	10.7		"	10.0		107	70-130				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130				
Methylene chloride	8.89		"	10.0		88.9	70-130				
n-Heptane	10.5		"	10.0		105	70-130				
n-Hexane	10.7		"	10.0		107	70-130				
o-Xylene	10.7		"	10.0		107	70-130				
p- & m- Xylenes	20.1		"	20.0		100	70-130				
p-Ethyltoluene	11.1		"	10.0		111	70-130				
Propylene	9.63		"	10.0		96.3	70-130				
Styrene	10.8		"	10.0		108	70-130				
Tetrachloroethylene	8.66		"	10.0		86.6	70-130				
Tetrahydrofuran	8.90		"	10.0		89.0	70-130				
Toluene	10.3		"	10.0		103	70-130				
trans-1,2-Dichloroethylene	9.93		"	10.0		99.3	70-130				
trans-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Trichloroethylene	10.2		"	10.0		102	70-130				
Trichlorofluoromethane (Freon 11)	9.85		"	10.0		98.5	70-130				
Vinyl acetate	11.9		"	10.0		119	70-130				
Vinyl bromide	10.6		"	10.0		106	70-130				
Vinyl Chloride	10.2		"	10.0		102	70-130				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*70-130*				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80508 - EPA TO15 PREP											
Duplicate (BB80508-DUP1)	*Source sample: 18B0417-04 (AA002_021218)								Prepared & Analyzed: 02/13/2018		
1,1,1,2-Tetrachloroethane	ND	0.37	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.29	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.37	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.41	"		ND					25	
1,1,2-Trichloroethane	ND	0.29	"		ND					25	
1,1-Dichloroethane	ND	0.22	"		ND					25	
1,1-Dichloroethylene	ND	0.053	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.40	"		ND					25	
1,2,4-Trimethylbenzene	1.1	0.26	"		1.3				11.0	25	
1,2-Dibromoethane	ND	0.41	"		ND					25	
1,2-Dichlorobenzene	ND	0.32	"		ND					25	
1,2-Dichloroethane	ND	0.22	"		ND					25	
1,2-Dichloropropane	ND	0.25	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.37	"		ND					25	
1,3,5-Trimethylbenzene	0.34	0.26	"		0.42				20.7	25	
1,3-Butadiene	ND	0.35	"		ND					25	
1,3-Dichlorobenzene	ND	0.32	"		ND					25	
1,3-Dichloropropane	ND	0.25	"		ND					25	
1,4-Dichlorobenzene	ND	0.32	"		ND					25	
1,4-Dioxane	ND	0.38	"		ND					25	
2-Butanone	0.72	0.16	"		0.77				6.32	25	
2-Hexanone	ND	0.44	"		ND					25	
3-Chloropropene	ND	0.83	"		ND					25	
4-Methyl-2-pentanone	ND	0.22	"		ND					25	
Acetone	8.7	0.25	"		8.9				2.30	25	
Acrylonitrile	ND	0.12	"		ND					25	
Benzene	1.2	0.17	"		1.2				5.63	25	
Benzyl chloride	ND	0.28	"		ND					25	
Bromodichloromethane	ND	0.36	"		ND					25	
Bromoform	ND	0.55	"		ND					25	
Bromomethane	ND	0.21	"		ND					25	
Carbon disulfide	ND	0.17	"		ND					25	
Carbon tetrachloride	0.30	0.084	"		0.30				0.00	25	
Chlorobenzene	ND	0.25	"		ND					25	
Chloroethane	ND	0.14	"		ND					25	
Chloroform	ND	0.26	"		ND					25	
Chloromethane	0.67	0.11	"		0.73				7.87	25	
cis-1,2-Dichloroethylene	ND	0.053	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Cyclohexane	0.57	0.18	"		0.61				6.25	25	
Dibromochloromethane	ND	0.45	"		ND					25	
Dichlorodifluoromethane	1.1	0.26	"		1.2				2.30	25	
Ethyl acetate	ND	0.38	"		ND					25	
Ethyl Benzene	1.1	0.23	"		1.4				24.8	25	
Hexachlorobutadiene	ND	0.57	"		ND					25	
Isopropanol	0.75	0.26	"		0.81				8.40	25	
Methyl Methacrylate	ND	0.22	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.19	"		ND					25	
Methylene chloride	0.98	0.37	"		1.0				3.70	25	
n-Heptane	3.2	0.22	"		3.4				5.30	25	
n-Hexane	1.1	0.19	"		1.2				11.8	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80508 - EPA TO15 PREP											
Duplicate (BB80508-DUP1)	*Source sample: 18B0417-04 (AA002_021218)								Prepared & Analyzed: 02/13/2018		
o-Xylene	1.2	0.23	ug/m³		1.4				21.4	25	
p- & m- Xylenes	3.4	0.46	"		4.1				18.5	25	
p-Ethyltoluene	1.1	0.26	"		1.2				13.6	25	
Propylene	1.0	0.092	"		1.1				4.33	25	
Styrene	ND	0.23	"		ND					25	
Tetrachloroethylene	0.76	0.090	"		0.72				4.88	25	
Tetrahydrofuran	ND	0.31	"		ND					25	
Toluene	3.6	0.20	"		3.8				6.52	25	
trans-1,2-Dichloroethylene	0.36	0.21	"		0.40				11.1	25	
trans-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Trichloroethylene	ND	0.072	"		ND					25	
Trichlorofluoromethane (Freon 11)	0.75	0.30	"		0.78				3.92	25	
Vinyl acetate	ND	0.19	"		ND					25	
Vinyl bromide	ND	0.23	"		ND					25	
Vinyl Chloride	ND	0.034	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.9*		*ppbv*	*10.0*		*109*	*70-130*				
Batch BB80803 - EPA TO15 PREP											
Blank (BB80803-BLK1)									Prepared & Analyzed: 02/14/2018		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80803 - EPA TO15 PREP											
Blank (BB80803-BLK1)											Prepared & Analyzed: 02/14/2018
Carbon disulfide	ND	0.31	ug/m³								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*9.02*		*ppbv*	*10.0*		*90.2*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80803 - EPA TO15 PREP											
LCS (BB80803-BS1)								Prepared & Analyzed: 02/14/2018			
1,1,1,2-Tetrachloroethane	10.8		ppbv	10.0		108	70-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	10.7		"	10.0		107	70-130				
1,1-Dichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethylene	10.2		"	10.0		102	70-130				
1,2,4-Trichlorobenzene	12.8		"	10.0		128	70-130				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,2-Dibromoethane	10.7		"	10.0		107	70-130				
1,2-Dichlorobenzene	11.0		"	10.0		110	70-130				
1,2-Dichloroethane	9.68		"	10.0		96.8	70-130				
1,2-Dichloropropane	11.1		"	10.0		111	70-130				
1,2-Dichlorotetrafluoroethane	11.4		"	10.0		114	70-130				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70-130				
1,3-Butadiene	11.3		"	10.0		113	70-130				
1,3-Dichlorobenzene	11.2		"	10.0		112	70-130				
1,3-Dichloropropane	10.6		"	10.0		106	70-130				
1,4-Dichlorobenzene	11.5		"	10.0		115	70-130				
1,4-Dioxane	10.6		"	10.0		106	70-130				
2-Butanone	8.67		"	10.0		86.7	70-130				
2-Hexanone	10.3		"	10.0		103	70-130				
3-Chloropropene	11.5		"	10.0		115	70-130				
4-Methyl-2-pentanone	9.38		"	10.0		93.8	70-130				
Acetone	7.88		"	10.0		78.8	70-130				
Acrylonitrile	9.85		"	10.0		98.5	70-130				
Benzene	10.3		"	10.0		103	70-130				
Benzyl chloride	9.35		"	10.0		93.5	70-130				
Bromodichloromethane	10.6		"	10.0		106	70-130				
Bromoform	11.6		"	10.0		116	70-130				
Bromomethane	11.1		"	10.0		111	70-130				
Carbon disulfide	10.7		"	10.0		107	70-130				
Carbon tetrachloride	10.3		"	10.0		103	70-130				
Chlorobenzene	10.5		"	10.0		105	70-130				
Chloroethane	11.4		"	10.0		114	70-130				
Chloroform	10.3		"	10.0		103	70-130				
Chloromethane	10.3		"	10.0		103	70-130				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	70-130				
cis-1,3-Dichloropropylene	11.7		"	10.0		117	70-130				
Cyclohexane	11.4		"	10.0		114	70-130				
Dibromochloromethane	11.7		"	10.0		117	70-130				
Dichlorodifluoromethane	10.4		"	10.0		104	70-130				
Ethyl acetate	9.70		"	10.0		97.0	70-130				
Ethyl Benzene	10.5		"	10.0		105	70-130				
Hexachlorobutadiene	9.92		"	10.0		99.2	70-130				
Isopropanol	8.75		"	10.0		87.5	70-130				
Methyl Methacrylate	11.2		"	10.0		112	70-130				
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	70-130				
Methylene chloride	9.44		"	10.0		94.4	70-130				
n-Heptane	11.2		"	10.0		112	70-130				
n-Hexane	11.3		"	10.0		113	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80803 - EPA TO15 PREP											
LCS (BB80803-BS1)									Prepared & Analyzed: 02/14/2018		
o-Xylene	11.1		ppbv	10.0		111	70-130				
p- & m- Xylenes	20.8		"	20.0		104	70-130				
p-Ethyltoluene	11.8		"	10.0		118	70-130				
Propylene	10.7		"	10.0		107	70-130				
Styrene	11.4		"	10.0		114	70-130				
Tetrachloroethylene	9.20		"	10.0		92.0	70-130				
Tetrahydrofuran	9.52		"	10.0		95.2	70-130				
Toluene	10.8		"	10.0		108	70-130				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	70-130				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Trichloroethylene	10.6		"	10.0		106	70-130				
Trichlorofluoromethane (Freon 11)	10.2		"	10.0		102	70-130				
Vinyl acetate	12.2		"	10.0		122	70-130				
Vinyl bromide	11.4		"	10.0		114	70-130				
Vinyl Chloride	11.0		"	10.0		110	70-130				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*70-130*				
Batch BB80808 - EPA TO15 PREP											
Blank (BB80808-BLK1)									Prepared & Analyzed: 02/15/2018		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80808 - EPA TO15 PREP											
Blank (BB80808-BLK1)											Prepared & Analyzed: 02/15/2018
Carbon disulfide	ND	0.31	ug/m³								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*9.07*		*ppbv*	*10.0*		*90.7*	*70-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80808 - EPA TO15 PREP											
LCS (BB80808-BS1)								Prepared & Analyzed: 02/15/2018			
1,1,1,2-Tetrachloroethane	11.6		ppbv	10.0		116	70-130				
1,1,1-Trichloroethane	10.8		"	10.0		108	70-130				
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130				
1,1,2-Trichloroethane	11.0		"	10.0		110	70-130				
1,1-Dichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethylene	10.5		"	10.0		105	70-130				
1,2,4-Trichlorobenzene	13.4		"	10.0		134	70-130	High Bias			
1,2,4-Trimethylbenzene	12.0		"	10.0		120	70-130				
1,2-Dibromoethane	11.0		"	10.0		110	70-130				
1,2-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,2-Dichloroethane	10.2		"	10.0		102	70-130				
1,2-Dichloropropane	11.3		"	10.0		113	70-130				
1,2-Dichlorotetrafluoroethane	11.9		"	10.0		119	70-130				
1,3,5-Trimethylbenzene	11.6		"	10.0		116	70-130				
1,3-Butadiene	11.3		"	10.0		113	70-130				
1,3-Dichlorobenzene	11.8		"	10.0		118	70-130				
1,3-Dichloropropane	11.0		"	10.0		110	70-130				
1,4-Dichlorobenzene	12.2		"	10.0		122	70-130				
1,4-Dioxane	10.8		"	10.0		108	70-130				
2-Butanone	9.00		"	10.0		90.0	70-130				
2-Hexanone	10.6		"	10.0		106	70-130				
3-Chloropropene	11.8		"	10.0		118	70-130				
4-Methyl-2-pentanone	9.50		"	10.0		95.0	70-130				
Acetone	8.16		"	10.0		81.6	70-130				
Acrylonitrile	10.3		"	10.0		103	70-130				
Benzene	10.8		"	10.0		108	70-130				
Benzyl chloride	10.1		"	10.0		101	70-130				
Bromodichloromethane	11.1		"	10.0		111	70-130				
Bromoform	12.3		"	10.0		123	70-130				
Bromomethane	11.3		"	10.0		113	70-130				
Carbon disulfide	11.0		"	10.0		110	70-130				
Carbon tetrachloride	10.8		"	10.0		108	70-130				
Chlorobenzene	11.2		"	10.0		112	70-130				
Chloroethane	11.7		"	10.0		117	70-130				
Chloroform	10.7		"	10.0		107	70-130				
Chloromethane	10.4		"	10.0		104	70-130				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	12.0		"	10.0		120	70-130				
Cyclohexane	11.7		"	10.0		117	70-130				
Dibromochloromethane	12.0		"	10.0		120	70-130				
Dichlorodifluoromethane	10.8		"	10.0		108	70-130				
Ethyl acetate	10.0		"	10.0		100	70-130				
Ethyl Benzene	11.2		"	10.0		112	70-130				
Hexachlorobutadiene	10.5		"	10.0		105	70-130				
Isopropanol	8.83		"	10.0		88.3	70-130				
Methyl Methacrylate	11.5		"	10.0		115	70-130				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	70-130				
Methylene chloride	9.72		"	10.0		97.2	70-130				
n-Heptane	11.4		"	10.0		114	70-130				
n-Hexane	11.5		"	10.0		115	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80808 - EPA TO15 PREP											
LCS (BB80808-BS1)								Prepared & Analyzed: 02/15/2018			
o-Xylene	11.8		ppbv	10.0		118	70-130				
p- & m- Xylenes	22.2		"	20.0		111	70-130				
p-Ethyltoluene	12.5		"	10.0		125	70-130				
Propylene	10.9		"	10.0		109	70-130				
Styrene	12.0		"	10.0		120	70-130				
Tetrachloroethylene	9.39		"	10.0		93.9	70-130				
Tetrahydrofuran	9.77		"	10.0		97.7	70-130				
Toluene	11.2		"	10.0		112	70-130				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	70-130				
trans-1,3-Dichloropropylene	12.0		"	10.0		120	70-130				
Trichloroethylene	11.1		"	10.0		111	70-130				
Trichlorofluoromethane (Freon 11)	10.7		"	10.0		107	70-130				
Vinyl acetate	12.7		"	10.0		127	70-130				
Vinyl bromide	11.8		"	10.0		118	70-130				
Vinyl Chloride	11.3		"	10.0		113	70-130				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 18B0417

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: LANGAN ENG.	Company: "	Company: "	170384501	RUSH - Same Day ☐	Summary Report ☐
Address: 360 W 31ST ST. NEW YORK, NY 10001	Address:	Address:	**Purchase Order No.**	RUSH - Next Day ☐	Summary w/ QA Summary ☐
Phone No. (212) 479-5400	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ☐
Contact Person: KDELCOL	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ☐
E-Mail Address: KDELCOL@LANGAN.COM	E-Mail Address: SKNOOP@LANGAN.COM	E-Mail Address:	Samples from: CT ☐ NY ☒ NJ ☐	RUSH - Four Day ☐	NY ASP B/CLP Pkg ☒
				Standard(5-7 Days) ☒	NJDEP Reduced ☐
					Electronic Deliverables:
					EDD (Specify Type) ☐
					Standard Excel ☐
					Regulatory Comparison Excel ☐

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Taylor Morgan
Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

Additional Notes:

Please enter the following Field Data

Detection Limits Required

≤ 1 ug/m³ ☐
NYSDEC VI Limits ☐ (VI =vapor instrusion)
NJDEP low level ☐
Routine Survey ☐
Other ☐

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
SVP125_021218	02/12/18	AS	-30.04	-5.14	23196	7268	TO-15 VOCs	6 Liter canister X / Tedlar Bag
SVP126_021218	02/12/18	AS	-25.40	-4.23	23800	7360	TO-15 VOCs	6 Liter canister X / Tedlar Bag
SVP118_021218	02/12/18	AS	-29.42	-4.72	16955	Y48	TO-15 VOCs	6 Liter canister X / Tedlar Bag
AA002_021218	02/12/18	AO	-28.35	-3.96	24109	3350	TO-15 VOCs	6 Liter canister X / Tedlar Bag
								6 Liter canister ☐ / Tedlar Bag ☐
								6 Liter canister ☐ / Tedlar Bag ☐
								6 Liter canister ☐ / Tedlar Bag ☐
								6 Liter canister ☐ / Tedlar Bag ☐
								6 Liter canister ☐ / Tedlar Bag ☐
								6 Liter canister ☐ / Tedlar Bag ☐

Comments

Samples Relinquished By — Date/Time: 02/12/18 1450
Samples Relinquished By — Date/Time: 2/12/18 5:11

Samples Received By — Date/Time: 2/12/18
Samples Received in LAB by — Date/Time: 2-12-18 1714

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/19/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0418

Report Date: 02/19/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0418

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 12, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0418-01	MW106_021218	Water	02/12/2018	02/12/2018

General Notes for York Project (SDG) No.: 18B0418

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/19/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**1.16**		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	**4-Methyl-2-pentanone**	**0.810**		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**16.1**	SCAL-E	ug/L	1.00	2.00	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.400**		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.870**		ug/L	0.500	2.00	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/13/2018 07:30	02/15/2018 19:14	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	6.90	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	6.90	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	34.5	69.0	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.38	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.90	13.8	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	3.45	6.90	1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*23.4 %*		*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*17.1 %*		*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.2 %*		*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*41.0 %*		*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*57.8 %*		*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*25.1 %*	S-L	*30.7-106*

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.248**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	**Acenaphthylene**	**0.152**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	**Anthracene**	**0.579**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	* Atrazine	ND		ug/L	0.690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications:			
56-55-3	**Benzo(a)anthracene**	**1.24**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**1.12**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.869**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.786**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.883**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	*** Bis(2-ethylhexyl)phthalate**	**17.6**		ug/L	3.45	5	EPA 8270D SIM	02/15/2018 08:39	02/16/2018 13:44	SR
							Certifications:			
218-01-9	**Chrysene**	**1.26**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	**Dibenzo(a,h)anthracene**	**0.234**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**3.57**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.414**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0276	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	* Hexachloroethane	ND		ug/L	0.690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications:			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.579**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0828**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	* Nitrobenzene	ND		ug/L	0.345	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications:			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.345	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	**Phenanthrene**	**2.04**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**3.26**		ug/L	0.0690	1	EPA 8270D SIM	02/15/2018 08:39	02/15/2018 16:16	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**unknown carboxylic acid**	**183**	N	ug/L			1	EPA 8270D	02/15/2018 08:39	02/15/2018 16:59	SR
								Certifications:			

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	**4,4'-DDE**	**0.00628**		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	**4,4'-DDT**	**0.0148**		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0250	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	02/13/2018 07:41	02/16/2018 12:54	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*17.4 %*	GC-Surr	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.9 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	02/13/2018 07:41	02/16/2018 13:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	02/13/2018 07:41	02/16/2018 13:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	02/13/2018 07:41	02/16/2018 13:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	02/13/2018 07:41	02/16/2018 13:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	02/13/2018 07:41	02/16/2018 13:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	02/13/2018 07:41	02/16/2018 13:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	02/13/2018 07:41	02/16/2018 13:56	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	02/13/2018 07:41	02/16/2018 13:56	LAB
							Certifications:			

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.1 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*19.1 %*		*30-120*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/16/2018 04:16	02/16/2018 11:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/16/2018 04:16	02/16/2018 11:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/16/2018 04:16	02/16/2018 11:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*86.0 %*		*30-150*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**93.9**		mg/L	0.0556	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**7.79**		mg/L	0.0111	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**748**		mg/L	0.0556	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.935**		mg/L	0.00556	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**2.94**		mg/L	0.00556	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**220**		mg/L	0.0222	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.45**		mg/L	0.00556	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**56.8**		mg/L	0.0556	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**42.9**		mg/L	0.0556	10	EPA 6010C	02/13/2018 10:02	02/17/2018 12:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**1.85**		mg/L	0.00556	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**28.3**	B	mg/L	0.0556	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.0190**		mg/L	0.00556	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**77.9**	B	mg/L	0.111	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.277**		mg/L	0.0111	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**7.79**	B	mg/L	0.0167	1	EPA 6010C	02/13/2018 10:02	02/16/2018 14:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**0.00226**		mg/L	0.00111	1	EPA 6020A	02/15/2018 09:37	02/15/2018 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.0180**		mg/L	0.00111	1	EPA 6020A	02/15/2018 09:37	02/15/2018 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.00274**		mg/L	0.00111	1	EPA 6020A	02/15/2018 09:37	02/15/2018 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.0284**		mg/L	0.00111	1	EPA 6020A	02/15/2018 09:37	02/15/2018 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.0488**		mg/L	0.00111	1	EPA 6020A	02/15/2018 09:37	02/15/2018 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/15/2018 09:37	02/15/2018 14:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	02/16/2018 09:32	02/16/2018 12:17	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.0480**		mg/L	0.0100	1	EPA 7196A	02/12/2018 19:36	02/13/2018 09:25	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW106_021218 **York Sample ID:** 18B0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0418	170384501	Water	February 12, 2018 10:00 am	02/12/2018

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**0.887**		mg/L	0.0100	1	Calculation	02/16/2018 11:49	02/19/2018 16:32	PAM
							Certifications:			

Analytical Batch Summary

Batch ID: BB80462 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0418-01	MW106_021218	02/12/18
BB80462-BLK1	Blank	02/12/18
BB80462-BS1	LCS	02/12/18

Batch ID: BB80470 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18B0418-01	MW106_021218	02/13/18
18B0418-01	MW106_021218	02/13/18
BB80470-BLK1	Blank	02/13/18
BB80470-BLK2	Blank	02/13/18
BB80470-BS1	LCS	02/13/18
BB80470-BS2	LCS	02/13/18
BB80470-BSD1	LCS Dup	02/13/18
BB80470-BSD2	LCS Dup	02/13/18

Batch ID: BB80486 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0418-01	MW106_021218	02/13/18
18B0418-01RE1	MW106_021218	02/13/18
BB80486-BLK1	Blank	02/13/18
BB80486-SRM1	Reference	02/13/18

Batch ID: BB80609 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0418-01	MW106_021218	02/13/18
BB80609-BLK1	Blank	02/15/18
BB80609-BS1	LCS	02/15/18
BB80609-BSD1	LCS Dup	02/15/18

Batch ID: BB80612 **Preparation Method:** EPA 3510C **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18B0418-01	MW106_021218	02/15/18
18B0418-01	MW106_021218	02/15/18
18B0418-01RE1	MW106_021218	02/15/18
BB80612-BLK1	Blank	02/15/18
BB80612-BLK1	Blank	02/15/18
BB80612-BLK2	Blank	02/15/18
BB80612-BS1	LCS	02/15/18
BB80612-BS2	LCS	02/15/18

BB80612-BSD1	LCS Dup	02/15/18

Batch ID: BB80614 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0418-01	MW106_021218	02/15/18
BB80614-BLK1	Blank	02/15/18
BB80614-BS1	LCS	02/15/18

Batch ID: BB80674 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0418-01	MW106_021218	02/16/18
BB80674-BLK1	Blank	02/16/18
BB80674-BS1	LCS	02/16/18
BB80674-BSD1	LCS Dup	02/16/18

Batch ID: BB80694 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0418-01	MW106_021218	02/16/18
BB80694-BLK1	Blank	02/16/18
BB80694-DUP1	Duplicate	02/16/18
BB80694-MS1	Matrix Spike	02/16/18
BB80694-SRM1	Reference	02/16/18

Batch ID: BB80708 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0418-01	MW106_021218	02/16/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80609 - EPA 5030B											
Blank (BB80609-BLK1)									Prepared & Analyzed: 02/15/2018		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

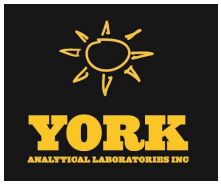
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80609 - EPA 5030B											
Blank (BB80609-BLK1)								Prepared & Analyzed: 02/15/2018			
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BB80609-BS1)								Prepared & Analyzed: 02/15/2018			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	9.94		"	10.0		99.4	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,2,3-Trichlorobenzene	14.5		"	10.0		145	76-136	High Bias			
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	12.1		"	10.0		121	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147				
1,2-Dibromoethane	10.3		"	10.0		103	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	9.97		"	10.0		99.7	78-126				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
1,4-Dioxane	176		"	210		83.8	10-349				
2-Butanone	10.3		"	10.0		103	49-152				
2-Hexanone	10.8		"	10.0		108	51-146				
4-Methyl-2-pentanone	11.0		"	10.0		110	57-145				
Acetone	9.11		"	10.0		91.1	14-150				
Acrolein	8.93		"	10.0		89.3	10-153				
Acrylonitrile	9.77		"	10.0		97.7	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	11.2		"	10.0		112	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80609 - EPA 5030B											
LCS (BB80609-BS1)								Prepared & Analyzed: 02/15/2018			
Bromodichloromethane	9.74		ug/L	10.0		97.4	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	10.1		"	10.0		101	43-168				
Carbon disulfide	11.7		"	10.0		117	68-146				
Carbon tetrachloride	10.8		"	10.0		108	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	12.7		"	10.0		127	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Cyclohexane	10.8		"	10.0		108	63-149				
Dibromochloromethane	10.5		"	10.0		105	80-130				
Dibromomethane	10.0		"	10.0		100	72-134				
Dichlorodifluoromethane	13.0		"	10.0		130	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	11.4		"	10.0		114	67-146				
Isopropylbenzene	10.4		"	10.0		104	76-140				
Methyl acetate	11.4		"	10.0		114	51-139				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylcyclohexane	9.69		"	10.0		96.9	72-143				
Methylene chloride	9.99		"	10.0		99.9	55-137				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	10.6		"	10.0		106	78-133				
o-Xylene	10.5		"	10.0		105	78-130				
p- & m- Xylenes	21.5		"	20.0		107	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butyl alcohol (TBA)	46.9		"	50.0		93.8	25-162				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	8.50		"	10.0		85.0	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	11.6		"	10.0		116	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.77*		*"*	*10.0*		*97.7*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

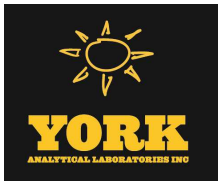
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80609 - EPA 5030B											
LCS Dup (BB80609-BSD1)								Prepared & Analyzed: 02/15/2018			
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126		2.17	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		2.58	30	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129		2.09	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		0.0971	30	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123		0.707	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		1.12	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		1.88	30	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	76-136		29.3	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		1.08	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-137		12.4	30	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		4.25	30	
1,2-Dibromo-3-chloropropane	9.66		"	10.0		96.6	45-147		5.24	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		0.878	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		2.11	30	
1,2-Dichloroethane	10.6		"	10.0		106	73-132		2.61	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		3.55	30	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		3.68	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		3.24	30	
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124		3.58	30	
1,4-Dioxane	198		"	210		94.4	10-349		11.9	30	
2-Butanone	10.2		"	10.0		102	49-152		0.975	30	
2-Hexanone	10.5		"	10.0		105	51-146		3.10	30	
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145		2.86	30	
Acetone	8.63		"	10.0		86.3	14-150		5.41	30	
Acrolein	8.78		"	10.0		87.8	10-153		1.69	30	
Acrylonitrile	9.36		"	10.0		93.6	51-150		4.29	30	
Benzene	10.6		"	10.0		106	85-126		0.663	30	
Bromochloromethane	11.0		"	10.0		110	77-128		1.71	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		2.63	30	
Bromoform	10.1		"	10.0		101	78-133		1.08	30	
Bromomethane	11.4		"	10.0		114	43-168		12.1	30	
Carbon disulfide	11.8		"	10.0		118	68-146		1.53	30	
Carbon tetrachloride	11.0		"	10.0		110	77-141		2.48	30	
Chlorobenzene	10.6		"	10.0		106	88-120		2.39	30	
Chloroethane	11.3		"	10.0		113	65-136		4.34	30	
Chloroform	10.3		"	10.0		103	82-128		1.95	30	
Chloromethane	12.8		"	10.0		128	43-155		1.49	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		0.560	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131		1.35	30	
Cyclohexane	10.8		"	10.0		108	63-149		0.0926	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		0.479	30	
Dibromomethane	10.0		"	10.0		100	72-134		0.200	30	
Dichlorodifluoromethane	13.4		"	10.0		134	44-144		2.50	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		2.69	30	
Hexachlorobutadiene	10.9		"	10.0		109	67-146		4.84	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		3.30	30	
Methyl acetate	10.8		"	10.0		108	51-139		5.94	30	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135		2.09	30	
Methylcyclohexane	10.2		"	10.0		102	72-143		5.62	30	
Methylene chloride	9.95		"	10.0		99.5	55-137		0.401	30	
n-Butylbenzene	11.3		"	10.0		113	79-132		3.70	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80609 - EPA 5030B											
LCS Dup (BB80609-BSD1)								Prepared & Analyzed: 02/15/2018			
n-Propylbenzene	11.1		ug/L	10.0		111	78-133		4.42	30	
o-Xylene	10.8		"	10.0		108	78-130		2.26	30	
p- & m- Xylenes	22.0		"	20.0		110	77-133		2.48	30	
p-Isopropyltoluene	11.2		"	10.0		112	81-136		4.17	30	
sec-Butylbenzene	11.4		"	10.0		114	79-137		4.38	30	
Styrene	10.2		"	10.0		102	67-132		1.87	30	
tert-Butyl alcohol (TBA)	45.9		"	50.0		91.7	25-162		2.28	30	
tert-Butylbenzene	10.9		"	10.0		109	77-138		4.22	30	
Tetrachloroethylene	8.89		"	10.0		88.9	82-131		4.49	30	
Toluene	10.7		"	10.0		107	80-127		3.53	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132		1.99	30	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131		0.0982	30	
Trichloroethylene	10.7		"	10.0		107	82-128		3.82	30	
Trichlorofluoromethane	11.3		"	10.0		113	67-139		2.51	30	
Vinyl Chloride	12.0		"	10.0		120	58-145		3.23	30	
Surrogate: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BB80612 - EPA 3510C

Blank (BB80612-BLK1) Prepared & Analyzed: 02/15/2018

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	50.0	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80612 - EPA 3510C											
Blank (BB80612-BLK1)											Prepared & Analyzed: 02/15/2018
Surrogate: 2-Fluorophenol	*26.1*		*ug/L*	*77.4*		*33.7*	*19.7-63.1*				
Surrogate: Phenol-d5	*16.4*		*"*	*73.8*		*22.2*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*42.9*		*"*	*51.6*		*83.1*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*37.9*		*"*	*50.2*		*75.5*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*77.3*		*"*	*77.2*		*100*	*39.3-151*				
Surrogate: Terphenyl-d14	*35.2*		*"*	*51.0*		*69.0*	*30.7-106*				
Blank (BB80612-BLK2)											Prepared & Analyzed: 02/15/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80612 - EPA 3510C											
LCS (BB80612-BS1)								Prepared & Analyzed: 02/15/2018			
1,1-Biphenyl	19.8	5.00	ug/L	25.0		79.0	33-95				
1,2,4,5-Tetrachlorobenzene	20.2	5.00	"	25.0		80.6	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	19.8	5.00	"	25.0		79.0	16-141				
2,3,4,6-Tetrachlorophenol	54.5	5.00	"	25.0		218	30-130	High Bias			
2,4,5-Trichlorophenol	23.5	5.00	"	25.0		94.0	32-114				
2,4,6-Trichlorophenol	22.5	5.00	"	25.0		90.1	35-118				
2,4-Dichlorophenol	22.8	5.00	"	25.0		91.3	25-116				
2,4-Dimethylphenol	20.1	5.00	"	25.0		80.6	15-116				
2,4-Dinitrophenol	28.6	5.00	"	25.0		114	10-170				
2,4-Dinitrotoluene	22.6	5.00	"	25.0		90.3	41-128				
2,6-Dinitrotoluene	22.0	5.00	"	25.0		88.0	45-116				
2-Chloronaphthalene	19.9	5.00	"	25.0		79.7	33-112				
2-Chlorophenol	17.6	5.00	"	25.0		70.4	15-120				
2-Methylnaphthalene	22.1	5.00	"	25.0		88.5	24-118				
2-Methylphenol	13.8	5.00	"	25.0		55.1	10-110				
2-Nitroaniline	21.4	5.00	"	25.0		85.6	34-129				
2-Nitrophenol	21.1	5.00	"	25.0		84.4	28-118				
3- & 4-Methylphenols	12.3	5.00	"	25.0		49.4	10-107				
3,3-Dichlorobenzidine	24.6	5.00	"	25.0		98.3	15-187				
3-Nitroaniline	17.4	5.00	"	25.0		69.4	24-134				
4,6-Dinitro-2-methylphenol	26.0	5.00	"	25.0		104	10-153				
4-Bromophenyl phenyl ether	24.8	5.00	"	25.0		99.0	34-120				
4-Chloro-3-methylphenol	21.3	5.00	"	25.0		85.1	20-120				
4-Chloroaniline	12.6	5.00	"	25.0		50.5	10-147				
4-Chlorophenyl phenyl ether	23.6	5.00	"	25.0		94.3	27-121				
4-Nitroaniline	18.1	5.00	"	25.0		72.6	13-134				
4-Nitrophenol	11.2	5.00	"	25.0		44.8	10-131				
Acetophenone	18.8	5.00	"	25.0		75.0	25-110				
Aniline	7.90	5.00	"	25.0		31.6	10-117				
Benzaldehyde	19.6	5.00	"	25.0		78.2	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	12.3	5.00	"	25.0		49.1	10-117				
Benzyl butyl phthalate	20.7	5.00	"	25.0		83.0	29-133				
Bis(2-chloroethoxy)methane	22.1	5.00	"	25.0		88.4	10-154				
Bis(2-chloroethyl)ether	16.3	5.00	"	25.0		65.3	17-125				
Bis(2-chloroisopropyl)ether	20.6	5.00	"	25.0		82.6	10-139				
Caprolactam	2.93	5.00	"	25.0		11.7	10-137				
Carbazole	25.4	5.00	"	25.0		102	42-126				
Dibenzofuran	21.5	5.00	"	25.0		86.2	36-113				
Diethyl phthalate	22.6	5.00	"	25.0		90.5	38-115				
Dimethyl phthalate	22.3	5.00	"	25.0		89.2	38-129				
Di-n-butyl phthalate	21.8	5.00	"	25.0		87.1	31-120				
Di-n-octyl phthalate	22.2	5.00	"	25.0		89.0	21-149				
Diphenylamine	25.8	5.00	"	25.0		103	40-140				
Hexachlorocyclopentadiene	22.7	10.0	"	25.0		90.8	10-130				
Isophorone	21.9	5.00	"	25.0		87.7	25-127				
N-nitroso-di-n-propylamine	21.6	5.00	"	25.0		86.4	26-122				
N-Nitrosodiphenylamine	26.2	5.00	"	25.0		105	23-149				
Phenol	5.95	5.00	"	25.0		23.8	10-110				
Pyridine	2.78	5.00	"	25.0		11.1	10-90				
Surrogate: 2-Fluorophenol	*27.1*		*"*	*77.4*		*35.0*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80612 - EPA 3510C											
LCS (BB80612-BS1)								Prepared & Analyzed: 02/15/2018			
Surrogate: Phenol-d5	*16.2*		*ug/L*	*73.8*		*22.0*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*43.5*		*"*	*51.6*		*84.3*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*39.7*		*"*	*50.2*		*79.1*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*85.2*		*"*	*77.2*		*110*	*39.3-151*				
Surrogate: Terphenyl-d14	*33.7*		*"*	*51.0*		*66.0*	*30.7-106*				
LCS (BB80612-BS2)								Prepared & Analyzed: 02/15/2018			
Acenaphthene	0.640	0.0500	ug/L	1.00		64.0	25-116				
Acenaphthylene	0.660	0.0500	"	1.00		66.0	26-116				
Anthracene	0.810	0.0500	"	1.00		81.0	25-123				
Benzo(a)anthracene	0.900	0.0500	"	1.00		90.0	33-125				
Benzo(a)pyrene	0.940	0.0500	"	1.00		94.0	32-132				
Benzo(b)fluoranthene	0.870	0.0500	"	1.00		87.0	22-137				
Benzo(g,h,i)perylene	1.05	0.0500	"	1.00		105	10-138				
Benzo(k)fluoranthene	0.980	0.0500	"	1.00		98.0	20-137				
Bis(2-ethylhexyl)phthalate	0.900	0.500	"	1.00		90.0	10-189				
Chrysene	0.850	0.0500	"	1.00		85.0	32-124				
Dibenzo(a,h)anthracene	1.05	0.0500	"	1.00		105	16-133				
Fluoranthene	0.870	0.0500	"	1.00		87.0	32-121				
Fluorene	0.730	0.0500	"	1.00		73.0	28-118				
Hexachlorobenzene	0.950	0.0200	"	1.00		95.0	23-124				
Hexachlorobutadiene	0.610	0.500	"	1.00		61.0	15-123				
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.990	0.0500	"	1.00		99.0	15-135				
Naphthalene	0.780	0.0500	"	1.00		78.0	18-120				
Nitrobenzene	0.900	0.250	"	1.00		90.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.420	0.250	"	1.00		42.0	10-156				
Phenanthrene	0.730	0.0500	"	1.00		73.0	24-127				
Pyrene	0.780	0.0500	"	1.00		78.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80612 - EPA 3510C											
LCS Dup (BB80612-BSD1)							Prepared & Analyzed: 02/15/2018				
1,1-Biphenyl	15.6	5.00	ug/L	25.0		62.5	33-95		23.3	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	16.6	5.00	"	25.0		66.2	26-120		19.6	20	
1,2-Diphenylhydrazine (as Azobenzene)	16.5	5.00	"	25.0		66.1	16-141		17.8	20	
2,3,4,6-Tetrachlorophenol	44.2	5.00	"	25.0		177	30-130	High Bias	20.9	20	Non-dir.
2,4,5-Trichlorophenol	17.8	5.00	"	25.0		71.2	32-114		27.6	20	Non-dir.
2,4,6-Trichlorophenol	18.0	5.00	"	25.0		72.1	35-118		22.2	20	Non-dir.
2,4-Dichlorophenol	18.7	5.00	"	25.0		74.9	25-116		19.7	20	
2,4-Dimethylphenol	17.0	5.00	"	25.0		68.1	15-116		16.7	20	
2,4-Dinitrophenol	23.1	5.00	"	25.0		92.4	10-170		21.1	20	Non-dir.
2,4-Dinitrotoluene	19.1	5.00	"	25.0		76.6	41-128		16.4	20	
2,6-Dinitrotoluene	18.3	5.00	"	25.0		73.2	45-116		18.4	20	
2-Chloronaphthalene	16.2	5.00	"	25.0		64.6	33-112		21.0	20	Non-dir.
2-Chlorophenol	15.1	5.00	"	25.0		60.2	15-120		15.6	20	
2-Methylnaphthalene	18.4	5.00	"	25.0		73.5	24-118		18.5	20	
2-Methylphenol	11.8	5.00	"	25.0		47.4	10-110		15.1	20	
2-Nitroaniline	17.9	5.00	"	25.0		71.5	34-129		18.0	20	
2-Nitrophenol	17.9	5.00	"	25.0		71.5	28-118		16.6	20	
3- & 4-Methylphenols	10.3	5.00	"	25.0		41.3	10-107		17.8	20	
3,3-Dichlorobenzidine	22.3	5.00	"	25.0		89.4	15-187		9.51	20	
3-Nitroaniline	15.4	5.00	"	25.0		61.6	24-134		12.0	20	
4,6-Dinitro-2-methylphenol	22.5	5.00	"	25.0		90.1	10-153		14.3	20	
4-Bromophenyl phenyl ether	20.7	5.00	"	25.0		82.8	34-120		17.8	20	
4-Chloro-3-methylphenol	18.2	5.00	"	25.0		72.9	20-120		15.4	20	
4-Chloroaniline	11.3	5.00	"	25.0		45.1	10-147		11.4	20	
4-Chlorophenyl phenyl ether	19.0	5.00	"	25.0		76.0	27-121		21.4	20	Non-dir.
4-Nitroaniline	12.0	5.00	"	25.0		47.8	13-134		41.1	20	Non-dir.
4-Nitrophenol	9.57	5.00	"	25.0		38.3	10-131		15.8	20	
Acetophenone	15.7	5.00	"	25.0		62.7	25-110		17.9	20	
Aniline	6.90	5.00	"	25.0		27.6	10-117		13.5	20	
Benzaldehyde	16.2	5.00	"	25.0		64.8	29-117		18.7	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	11.0	5.00	"	25.0		43.9	10-117		11.2	20	
Benzyl butyl phthalate	18.4	5.00	"	25.0		73.8	29-133		11.7	20	
Bis(2-chloroethoxy)methane	18.2	5.00	"	25.0		72.8	10-154		19.5	20	
Bis(2-chloroethyl)ether	13.8	5.00	"	25.0		55.1	17-125		16.9	20	
Bis(2-chloroisopropyl)ether	17.0	5.00	"	25.0		68.2	10-139		19.2	20	
Caprolactam	2.91	5.00	"	25.0		11.6	10-137		0.685	20	
Carbazole	21.5	5.00	"	25.0		85.9	42-126		16.7	20	
Dibenzofuran	17.4	5.00	"	25.0		69.7	36-113		21.1	20	Non-dir.
Diethyl phthalate	19.1	5.00	"	25.0		76.3	38-115		17.0	20	
Dimethyl phthalate	18.5	5.00	"	25.0		74.0	38-129		18.6	20	
Di-n-butyl phthalate	19.5	5.00	"	25.0		78.0	31-120		11.0	20	
Di-n-octyl phthalate	19.4	5.00	"	25.0		77.4	21-149		13.9	20	
Diphenylamine	21.7	5.00	"	25.0		86.6	40-140		17.3	20	
Hexachlorocyclopentadiene	15.6	10.0	"	25.0		62.4	10-130		37.1	20	Non-dir.
Isophorone	17.8	5.00	"	25.0		71.2	25-127		20.8	20	Non-dir.
N-nitroso-di-n-propylamine	17.0	5.00	"	25.0		67.9	26-122		24.0	20	Non-dir.
N-Nitrosodiphenylamine	22.4	5.00	"	25.0		89.4	23-149		16.0	20	
Phenol	5.33	5.00	"	25.0		21.3	10-110		11.0	20	
Pyridine	2.89	5.00	"	25.0		11.6	10-90		3.88	20	
Surrogate: 2-Fluorophenol	*24.4*		*"*	*77.4*		*31.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80612 - EPA 3510C											
LCS Dup (BB80612-BSD1)											Prepared & Analyzed: 02/15/2018
Surrogate: Phenol-d5	*14.4*		*ug/L*	*73.8*		*19.5*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*36.6*		*"*	*51.6*		*70.9*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*31.4*		*"*	*50.2*		*62.6*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*74.4*		*"*	*77.2*		*96.3*	*39.3-151*				
Surrogate: Terphenyl-d14	*30.8*		*"*	*51.0*		*60.5*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80612 - EPA 3510C											
Blank (BB80612-BLK1)											Prepared & Analyzed: 02/15/2018
Tentatively Identified Compounds	0.00		ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80470 - EPA SW846-3510C Low Level											
Blank (BB80470-BLK1)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.169*		"	*0.209*		*80.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.158*		"	*0.202*		*78.4*	*30-150*				
LCS (BB80470-BS1)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.113	0.00400	ug/L	0.100		113	40-140				
4,4'-DDE	0.101	0.00400	"	0.100		101	40-140				
4,4'-DDT	0.110	0.00400	"	0.100		110	40-140				
Aldrin	0.0761	0.00400	"	0.100		76.1	40-140				
alpha-BHC	0.0827	0.00400	"	0.100		82.7	40-140				
alpha-Chlordane	0.0846	0.00400	"	0.100		84.6	40-140				
beta-BHC	0.0989	0.00400	"	0.100		98.9	40-140				
delta-BHC	0.0814	0.00400	"	0.100		81.4	40-140				
Dieldrin	0.0946	0.00200	"	0.100		94.6	40-140				
Endosulfan I	0.0930	0.00400	"	0.100		93.0	40-140				
Endosulfan II	0.100	0.00400	"	0.100		100	40-140				
Endosulfan sulfate	0.106	0.00400	"	0.100		106	40-140				
Endrin	0.119	0.00400	"	0.100		119	40-140				
Endrin aldehyde	0.107	0.0100	"	0.100		107	40-140				
Endrin ketone	0.110	0.0100	"	0.100		110	40-140				
gamma-BHC (Lindane)	0.0833	0.00400	"	0.100		83.3	40-140				
gamma-Chlordane	0.0844	0.0100	"	0.100		84.4	40-140				
Heptachlor	0.0758	0.00400	"	0.100		75.8	40-140				
Heptachlor epoxide	0.0867	0.00400	"	0.100		86.7	40-140				
Methoxychlor	0.112	0.00400	"	0.100		112	40-140				
Surrogate: Decachlorobiphenyl	*0.193*		"	*0.209*		*92.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.146*		"	*0.202*		*72.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80470 - EPA SW846-3510C Low Level											
LCS Dup (BB80470-BSD1)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.112	0.00400	ug/L	0.100		112	40-140		0.769	20	
4,4'-DDE	0.109	0.00400	"	0.100		109	40-140		7.48	20	
4,4'-DDT	0.118	0.00400	"	0.100		118	40-140		7.12	20	
Aldrin	0.0873	0.00400	"	0.100		87.3	40-140		13.8	20	
alpha-BHC	0.0944	0.00400	"	0.100		94.4	40-140		13.2	20	
alpha-Chlordane	0.0907	0.00400	"	0.100		90.7	40-140		6.91	20	
beta-BHC	0.105	0.00400	"	0.100		105	40-140		6.43	20	
delta-BHC	0.0873	0.00400	"	0.100		87.3	40-140		7.05	20	
Dieldrin	0.101	0.00200	"	0.100		101	40-140		6.77	20	
Endosulfan I	0.101	0.00400	"	0.100		101	40-140		8.26	20	
Endosulfan II	0.107	0.00400	"	0.100		107	40-140		6.93	20	
Endosulfan sulfate	0.115	0.00400	"	0.100		115	40-140		8.00	20	
Endrin	0.107	0.00400	"	0.100		107	40-140		10.6	20	
Endrin aldehyde	0.116	0.0100	"	0.100		116	40-140		7.82	20	
Endrin ketone	0.117	0.0100	"	0.100		117	40-140		6.32	20	
gamma-BHC (Lindane)	0.0934	0.00400	"	0.100		93.4	40-140		11.4	20	
gamma-Chlordane	0.0894	0.0100	"	0.100		89.4	40-140		5.76	20	
Heptachlor	0.0855	0.00400	"	0.100		85.5	40-140		12.1	20	
Heptachlor epoxide	0.0932	0.00400	"	0.100		93.2	40-140		7.19	20	
Methoxychlor	0.117	0.00400	"	0.100		117	40-140		4.48	20	
Surrogate: Decachlorobiphenyl	*0.212*		*"*	*0.209*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.173*		*"*	*0.202*		*85.5*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B1401 - BL70213											
Performance Mix (Y8B1401-PEM1)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.913		"	0.00			0-200				
4,4'-DDT	169		"	200		84.6	0-200				
Endrin	109		"	100		109	0-200				
Endrin aldehyde	0.577		"	0.00			0-200				
Endrin ketone	2.01		"	0.00			0-200				
Performance Mix (Y8B1401-PEM2)								Prepared & Analyzed: 02/13/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.517		"	0.00			0-200				
4,4'-DDT	242		"	200		121	0-200				
Endrin	142		"	100		142	0-200				
Endrin aldehyde	0.578		"	0.00			0-200				
Endrin ketone	2.95		"	0.00			0-200				
Batch Y8B1902 - BL70213											
Performance Mix (Y8B1902-PEM1)								Prepared & Analyzed: 02/16/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.759		"	0.00			0-200				
4,4'-DDT	197		"	200		98.5	0-200				
Endrin	130		"	100		130	0-200				
Endrin aldehyde	0.688		"	0.00			0-200				
Endrin ketone	3.34		"	0.00			0-200				
Performance Mix (Y8B1902-PEM2)								Prepared & Analyzed: 02/16/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.821		"	0.00			0-200				
4,4'-DDT	288		"	200		144	0-200				
Endrin	173		"	100		173	0-200				
Endrin aldehyde	0.578		"	0.00			0-200				
Endrin ketone	3.14		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80470 - EPA SW846-3510C Low Level											
Blank (BB80470-BLK2)								Prepared & Analyzed: 02/13/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.159*		*"*	*0.202*		*78.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.138*		*"*	*0.209*		*66.0*	*30-120*				
LCS (BB80470-BS2)								Prepared & Analyzed: 02/13/2018			
Aroclor 1016	0.997	0.0500	ug/L	1.00		99.7	40-120				
Aroclor 1260	1.15	0.0500	"	1.00		115	40-120				
Surrogate: Tetrachloro-m-xylene	*0.171*		*"*	*0.202*		*84.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.188*		*"*	*0.209*		*90.0*	*30-120*				
LCS Dup (BB80470-BSD2)								Prepared & Analyzed: 02/13/2018			
Aroclor 1016	0.967	0.0500	ug/L	1.00		96.7	40-120		3.01	30	
Aroclor 1260	1.06	0.0500	"	1.00		106	40-120		8.32	30	
Surrogate: Tetrachloro-m-xylene	*0.150*		*"*	*0.202*		*74.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.163*		*"*	*0.209*		*78.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80674 - EPA 3535A											
Blank (BB80674-BLK1)								Prepared & Analyzed: 02/16/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*144*		*"*	*125*		*116*	*30-150*				
LCS (BB80674-BS1)								Prepared & Analyzed: 02/16/2018			
2,4,5-T	36.0	5.00	ug/L	40.0		90.0	40-140				
2,4,5-TP (Silvex)	36.0	5.00	"	40.0		90.0	40-140				
2,4-D	39.5	5.00	"	40.0		98.8	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*122*		*"*	*125*		*97.4*	*30-150*				
LCS Dup (BB80674-BSD1)								Prepared & Analyzed: 02/16/2018			
2,4,5-T	41.2	5.00	ug/L	40.0		103	40-140		13.6	30	
2,4,5-TP (Silvex)	39.8	5.00	"	40.0		99.4	40-140		9.90	30	
2,4-D	45.8	5.00	"	40.0		114	40-140		14.7	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*138*		*"*	*125*		*110*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80486 - EPA 3015A											
Blank (BB80486-BLK1)											Prepared: 02/13/2018 Analyzed: 02/14/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.0244	"								
Iron	ND	0.0222	"								
Lead	ND	0.0222	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	0.342	0.0222	"								
Silver	ND	0.00556	"								
Sodium	0.324	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	0.0318	0.0278	"								
Reference (BB80486-SRM1)											Prepared: 02/13/2018 Analyzed: 02/14/2018
Aluminum	0.782		ug/mL	0.720		109	81.4-117.2				
Barium	0.508		"	0.500		102	85-115				
Calcium	28.1		"	33.0		85.1	86.5-114.3	Low Bias			
Chromium	0.826		"	0.860		96.1	85-115				
Copper	0.342		"	0.320		107	85-115				
Iron	1.34		"	1.40		96.0	84.9-115				
Lead	0.619		"	0.640		96.7	85-115				
Magnesium	73.7		"	80.1		92.0	86.3-114.8				
Manganese	1.01		"	1.02		98.8	84.9-115				
Nickel	1.72		"	1.78		96.6	87-113.7				
Potassium	9.81		"	10.3		95.3	84.9-115				
Silver	0.584		"	0.600		97.4	85-115				
Sodium	20.8		"	22.7		91.5	85-115				
Vanadium	1.53		"	1.66		92.3	85-114.9				
Zinc	1.39		"	1.62		85.9	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80614 - EPA 3015A											
Blank (BB80614-BLK1)								Prepared & Analyzed: 02/15/2018			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB80614-BS1)								Prepared & Analyzed: 02/15/2018			
Antimony	33.1		ug/L	50.0		66.1	80-120	Low Bias			
Arsenic	32.7		"	50.0		65.4	80-120	Low Bias			
Beryllium	45.5		"	50.0		91.0	80-120				
Cadmium	35.2		"	50.0		70.3	80-120	Low Bias			
Selenium	30.6		"	50.0		61.1	80-120	Low Bias			
Thallium	40.1		"	50.0		80.1	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80694 - EPA 7473 water											
Blank (BB80694-BLK1)								Prepared & Analyzed: 02/16/2018			
Mercury	ND	0.00020	mg/L								
Duplicate (BB80694-DUP1)	*Source sample: 18B0418-01 (MW106_021218)							Prepared & Analyzed: 02/16/2018			
Mercury	ND	0.00020	mg/L		ND					20	
Matrix Spike (BB80694-MS1)	*Source sample: 18B0418-01 (MW106_021218)							Prepared & Analyzed: 02/16/2018			
Mercury	0.00226		mg/L	0.00200	0.00018	104	75-125				
Reference (BB80694-SRM1)								Prepared & Analyzed: 02/16/2018			
Mercury	0.00684		mg/L	0.00740		92.5	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80462 - Analysis Preparation											
Blank (BB80462-BLK1)									Prepared: 02/12/2018 Analyzed: 02/13/2018		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB80462-BS1)									Prepared: 02/12/2018 Analyzed: 02/13/2018		
Chromium, Hexavalent	0.480	0.0100	mg/L	0.500		96.0	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0418-01	MW106_021218	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-L	Surrogate recoveries outside method QC limits. Insufficient sample was available to re-extract or reanalyze the sample.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: For GW MW106, only 3 Ambers, 1 250 plastic HNO3 and 3 VOC vials were received. Lab received 3 empty, unlabelled ambers and 3 empty unlabelled 250 plastics.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B04118

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL
NEW YORK, NY 10001
Phone No. (212) 479-5400
Contact Person: KDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

1703E4501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Taylor Morgan
Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW106-021218	02/12/18 1000	GW	TCL+30 VOCs + SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN -	3x40mL 6x1000mL 4x250mL

Preservation Check those Applicable
4°C X Frozen ___ HCl X MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH X
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Comments

Samples Relinquished By 02/12/18 1450 Date/Time
Samples Received By 2/12/18 1450 Date/Time
Samples Relinquished By Date/Time
Samples Received in LAB by 2/12/18 1840 Date/Time

Temperature on Receipt 5.4 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/19/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0462

Report Date: 02/19/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0462

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 13, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0462-01	SB107_1-2	Soil	02/13/2018	02/13/2018
18B0462-03	SB107_15-16	Soil	02/13/2018	02/13/2018
18B0462-04	SB107_21-23	Soil	02/13/2018	02/13/2018
18B0462-05	SB107_26-28	Soil	02/13/2018	02/13/2018
18B0462-06	DUP05_021318	Soil	02/13/2018	02/13/2018
18B0462-07	SB107_7-8	Soil	02/13/2018	02/13/2018
18B0462-08	SB107_11-12	Soil	02/13/2018	02/13/2018
18B0462-09	SB107_14-15	Soil	02/13/2018	02/13/2018

General Notes for York Project (SDG) No.: 18B0462

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/19/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.097	0.19	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.019**		mg/kg dry	0.0097	0.019	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0097	0.019	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.023**		mg/kg dry	0.0097	0.019	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0097	0.019	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	**Styrene**	**0.012**		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.38	0.75	100	EPA 8260C	02/17/2018 12:00	02/17/2018 19:42	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.029	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**ethyl Hexanol isomer**	**13**	N	ug/kg dry			1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:23	RS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.0876**	J	mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.364**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.201	0.403	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.536**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.201	0.403	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.16**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.944**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.748**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.456**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.805**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.38**	B	mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.273**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.11**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.200**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.172**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.101	0.201	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.59**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.295**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.486**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.149**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**2.66**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**2.29**		mg/kg dry	0.0504	0.101	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.201	0.403	2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*18.2 %*	S-AC	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*46.3 %*		*23-114*

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*63.5 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*39.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*51.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Unknown alipahtic hydrocarbon**	**5140**	N	ug/kg dry			2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:			
NA	**unknown PAH**	**2810**	N	ug/kg dry			2	EPA 8270D	02/15/2018 04:27	02/15/2018 18:56	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0398	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00199	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00995	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.101	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A	02/16/2018 14:35	02/19/2018 10:38	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A	02/16/2018 14:35	02/19/2018 10:38	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A	02/16/2018 14:35	02/19/2018 10:38	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A	02/16/2018 14:35	02/19/2018 10:38	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A	02/16/2018 14:35	02/19/2018 10:38	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A	02/16/2018 14:35	02/19/2018 10:38	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A	02/16/2018 14:35	02/19/2018 10:38	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A	02/16/2018 14:35	02/19/2018 10:38	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.8 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0241	1	EPA 8151A	02/16/2018 04:07	02/18/2018 00:45	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0241	1	EPA 8151A	02/16/2018 04:07	02/18/2018 00:45	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0241	1	EPA 8151A	02/16/2018 04:07	02/18/2018 00:45	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*127 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7280**		mg/kg dry	6.03	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.603	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**11.0**		mg/kg dry	1.21	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**77.3**		mg/kg dry	1.21	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.121	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.378**		mg/kg dry	0.362	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**97000**		mg/kg dry	6.03	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**81.5**		mg/kg dry	0.603	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.71**		mg/kg dry	0.603	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**25.1**		mg/kg dry	0.603	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12100**		mg/kg dry	2.41	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**32.2**		mg/kg dry	0.603	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**5440**		mg/kg dry	6.03	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**226**		mg/kg dry	0.603	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**35.2**		mg/kg dry	0.603	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1320**		mg/kg dry	6.03	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.89**		mg/kg dry	1.21	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.603	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**553**		mg/kg dry	12.1	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.21	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**22.3**		mg/kg dry	1.21	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**58.4**		mg/kg dry	1.81	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0362	1	EPA 7473	02/15/2018 09:40	02/15/2018 11:18	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.9**		%	0.100	1	SM 2540G	02/19/2018 09:57	02/19/2018 15:58	PAM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB107_1-2 **York Sample ID:** 18B0462-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:05 am	02/13/2018

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.627**		mg/kg dry	0.603	1	EPA 7196A	02/16/2018 12:21	02/16/2018 18:55	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**80.9**		mg/kg	0.500	1	Calculation	02/19/2018 16:22	02/19/2018 16:43	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**1.35**		mg/kg dry	0.603	1	EPA 9014/9010C	02/19/2018 09:54	02/19/2018 16:04	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.083	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0067**	J	mg/kg dry	0.0041	0.0083	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.012**		mg/kg dry	0.0041	0.0083	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.9 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/16/2018 07:30	02/16/2018 19:53	RS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.363	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.363	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.363	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*55.0 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*44.1 %*	*23-114*

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.5 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*80.1 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*54.1 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/15/2018 04:27	02/15/2018 19:27	KH

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2018 14:35	02/19/2018 12:25	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH	02/16/2018 14:35	02/19/2018 12:25	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2018 14:35	02/19/2018 12:25	SA

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:25	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00895	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0906	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:25	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:03	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:03	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:03	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:03	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:03	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:03	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:03	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:03	LAB
							Certifications:			

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.3 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.5 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	02/16/2018 04:07	02/18/2018 00:58	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	02/16/2018 04:07	02/18/2018 00:58	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	02/16/2018 04:07	02/18/2018 00:58	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*103 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6000**		mg/kg dry	5.44	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.544	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.85**		mg/kg dry	1.09	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**42.5**		mg/kg dry	1.09	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.326	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1640**		mg/kg dry	5.44	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.4**		mg/kg dry	0.544	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.44**		mg/kg dry	0.544	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.7**		mg/kg dry	0.544	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**12700**		mg/kg dry	2.18	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**8.66**		mg/kg dry	0.544	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3750**		mg/kg dry	5.44	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**385**		mg/kg dry	0.544	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**52.3**		mg/kg dry	0.544	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1660**		mg/kg dry	5.44	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.544	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**25.2**		mg/kg dry	10.9	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.09	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.1**		mg/kg dry	1.09	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**35.5**		mg/kg dry	1.63	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0326	1	EPA 7473	02/15/2018 09:40	02/15/2018 11:25	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.9**		%	0.100	1	SM 2540G	02/19/2018 09:57	02/19/2018 15:58	PAM
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB107_15-16 **York Sample ID:** 18B0462-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:50 am	02/13/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.544	1	EPA 7196A	02/16/2018 12:21	02/16/2018 18:55	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**20.4**		mg/kg	0.500	1	Calculation	02/19/2018 16:22	02/19/2018 16:43	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.544	1	EPA 9014/9010C	02/19/2018 09:54	02/19/2018 16:04	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0093**	J	mg/kg dry	0.0054	0.011	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0099**	J	mg/kg dry	0.0054	0.011	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	**Trichlorofluoromethane**	**0.0066**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.6 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/16/2018 07:30	02/16/2018 20:23	RS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0495**	J, B	mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0873	0.174	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0873	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.175	0.350	2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*49.4 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*41.5 %*	*23-114*

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*46.4 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.1 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*60.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*47.4 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/15/2018 04:27	02/15/2018 17:24	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0345	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00864	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0874	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:40	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:27	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:27	LAB
							Certifications:			

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.8 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.8 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	02/16/2018 04:07	02/18/2018 01:11	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	02/16/2018 04:07	02/18/2018 01:11	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	02/16/2018 04:07	02/18/2018 01:11	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*116 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6620**		mg/kg dry	5.23	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.523	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.53**		mg/kg dry	1.05	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**74.8**		mg/kg dry	1.05	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.105	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5370**		mg/kg dry	5.23	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.7**		mg/kg dry	0.523	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.4**		mg/kg dry	0.523	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**46.4**		mg/kg dry	0.523	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**15600**		mg/kg dry	2.09	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**55.9**		mg/kg dry	0.523	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**6580**		mg/kg dry	5.23	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**310**		mg/kg dry	0.523	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**48.2**		mg/kg dry	0.523	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2910**		mg/kg dry	5.23	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.61**		mg/kg dry	1.05	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**305**		mg/kg dry	10.5	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.05	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**33.2**		mg/kg dry	1.05	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**61.4**		mg/kg dry	1.57	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:29	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0314	1	EPA 7473	02/15/2018 09:40	02/15/2018 10:39	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.5**		%	0.100	1	SM 2540G	02/19/2018 09:57	02/19/2018 15:58	PAM
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB107_21-23 **York Sample ID:** 18B0462-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:20 am	02/13/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.523	1	EPA 7196A	02/16/2018 12:21	02/16/2018 18:55	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**22.7**		mg/kg	0.500	1	Calculation	02/19/2018 16:22	02/19/2018 16:43	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.523	1	EPA 9014/9010C	02/19/2018 09:54	02/19/2018 16:04	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.011**	J	mg/kg dry	0.0061	0.012	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.013**		mg/kg dry	0.0061	0.012	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:23	RS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0450**	J	mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.173	0.347	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0762**	J	mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.347	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.129**		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.109**		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.0852**	J	mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0616**	J	mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0769**	J	mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0589**	J, B	mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.114**		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.310**		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0609**	J	mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.358**		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.277**		mg/kg dry	0.0434	0.0866	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.173	0.347	2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*52.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*47.7 %*	*23-114*

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.6 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.4 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*59.6 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*45.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/15/2018 04:27	02/15/2018 19:58	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0343	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00857	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0867	5	EPA 8081B	02/16/2018 14:35	02/19/2018 12:55	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:51	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	02/16/2018 14:35	02/19/2018 11:51	LAB
							Certifications:			

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.9 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0206	1	EPA 8151A	02/16/2018 04:07	02/18/2018 01:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0206	1	EPA 8151A	02/16/2018 04:07	02/18/2018 01:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0206	1	EPA 8151A	02/16/2018 04:07	02/18/2018 01:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*133 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5730**		mg/kg dry	5.19	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.519	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.66**		mg/kg dry	1.04	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**235**		mg/kg dry	1.04	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.654**		mg/kg dry	0.312	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**34600**		mg/kg dry	5.19	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**29.5**		mg/kg dry	0.519	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.59**		mg/kg dry	0.519	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**47.1**		mg/kg dry	0.519	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**21100**		mg/kg dry	2.08	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**1940**		mg/kg dry	0.519	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4920**		mg/kg dry	5.19	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**448**		mg/kg dry	0.519	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**34.6**		mg/kg dry	0.519	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2360**		mg/kg dry	5.19	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.39**		mg/kg dry	1.04	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.519	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**235**		mg/kg dry	10.4	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.2**		mg/kg dry	1.04	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**199**		mg/kg dry	1.56	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.516**		mg/kg dry	0.0312	1	EPA 7473	02/15/2018 09:40	02/15/2018 11:33	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.3**		%	0.100	1	SM 2540G	02/19/2018 09:57	02/19/2018 15:58	PAM
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB107_26-28 **York Sample ID:** 18B0462-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 10:45 am	02/13/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.519	1	EPA 7196A	02/16/2018 12:21	02/16/2018 18:55	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**29.5**		mg/kg	0.500	1	Calculation	02/19/2018 16:22	02/19/2018 16:43	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.519	1	EPA 9014/9010C	02/19/2018 09:54	02/19/2018 16:04	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.059	0.12	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.0074**		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.016**		mg/kg dry	0.0059	0.012	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0059	0.012	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0059	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/16/2018 07:30	02/16/2018 22:53	RS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.0999**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.357**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.617**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.340	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.852**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.768**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.679**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.394**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.560**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0931**	B	mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.259**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.775**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.148**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.249**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0850	0.170	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**2.12**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.270**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.393**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.244**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**2.61**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.98**		mg/kg dry	0.0426	0.0850	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.170	0.340	2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*62.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*60.8 %*	*23-114*

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.5 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*81.2 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*60.1 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzo naptho thiophene isomer**	**340**	N	ug/kg dry			2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:			
NA	**unknown PAH**	**4760**	N	ug/kg dry			2	EPA 8270D	02/15/2018 04:27	02/15/2018 20:29	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0336	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00841	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0851	5	EPA 8081B	02/16/2018 14:35	02/19/2018 13:09	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	02/16/2018 14:35	02/19/2018 12:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	02/16/2018 14:35	02/19/2018 12:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	02/16/2018 14:35	02/19/2018 12:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	02/16/2018 14:35	02/19/2018 12:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	02/16/2018 14:35	02/19/2018 12:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	02/16/2018 14:35	02/19/2018 12:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	02/16/2018 14:35	02/19/2018 12:15	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	02/16/2018 14:35	02/19/2018 12:15	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.9 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.6 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0204	1	EPA 8151A	02/16/2018 04:07	02/18/2018 02:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0204	1	EPA 8151A	02/16/2018 04:07	02/18/2018 02:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0204	1	EPA 8151A	02/16/2018 04:07	02/18/2018 02:02	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*124 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5790**		mg/kg dry	5.11	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.511	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.72**		mg/kg dry	1.02	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**54.1**		mg/kg dry	1.02	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.102	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.307	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4650**		mg/kg dry	5.11	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.511	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.44**		mg/kg dry	0.511	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**47.0**		mg/kg dry	0.511	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**14000**		mg/kg dry	2.04	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**42.1**		mg/kg dry	0.511	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4800**		mg/kg dry	5.11	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**371**		mg/kg dry	0.511	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**26.3**		mg/kg dry	0.511	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1990**		mg/kg dry	5.11	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.70**		mg/kg dry	1.02	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.511	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**293**		mg/kg dry	10.2	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.02	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.9**		mg/kg dry	1.02	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**40.2**		mg/kg dry	1.53	1	EPA 6010C	02/14/2018 10:20	02/17/2018 14:57	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0590**		mg/kg dry	0.0307	1	EPA 7473	02/15/2018 09:40	02/15/2018 11:45	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.8**		%	0.100	1	SM 2540G	02/19/2018 10:02	02/19/2018 16:07	PAM
							Certifications: CTDOH			

Sample Information

Client Sample ID: DUP05_021318 **York Sample ID:** 18B0462-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 12:34 pm	02/13/2018

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.511	1	EPA 7196A	02/16/2018 12:21	02/16/2018 18:55	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.6**		mg/kg	0.500	1	Calculation	02/19/2018 16:22	02/19/2018 16:43	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.511	1	EPA 9014/9010C	02/19/2018 09:54	02/19/2018 16:04	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB107_7-8 **York Sample ID:** 18B0462-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:25 am	02/13/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4450**		mg/kg dry	5.74	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.603**		mg/kg dry	0.574	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.25**		mg/kg dry	1.15	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**322**		mg/kg dry	1.15	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.115	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.345	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**86600**		mg/kg dry	5.74	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.5**		mg/kg dry	0.574	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.51**		mg/kg dry	0.574	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.1**		mg/kg dry	0.574	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**13600**		mg/kg dry	2.30	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**2440**		mg/kg dry	0.574	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4570**		mg/kg dry	5.74	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**315**		mg/kg dry	0.574	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**8.20**		mg/kg dry	0.574	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1060**		mg/kg dry	5.74	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.69**		mg/kg dry	1.15	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.574	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**67.3**		mg/kg dry	11.5	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.15	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**14.5**		mg/kg dry	1.15	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_7-8 **York Sample ID:** 18B0462-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:25 am	02/13/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**212**		mg/kg dry	1.72	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.21**		mg/kg dry	0.0345	1	EPA 7473	02/15/2018 09:40	02/15/2018 11:53	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.0**		%	0.100	1	SM 2540G	02/19/2018 10:02	02/19/2018 16:07	PAM
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.574	1	EPA 7196A	02/16/2018 12:21	02/16/2018 18:55	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.5**		mg/kg	0.500	1	Calculation	02/19/2018 16:22	02/19/2018 16:43	PAM
							Certifications:			

Sample Information

Client Sample ID: **SB107_11-12** **York Sample ID:** **18B0462-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:30 am	02/13/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8060**		mg/kg dry	5.87	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.587	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.86**		mg/kg dry	1.17	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**42.9**		mg/kg dry	1.17	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.117	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.352	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**42900**		mg/kg dry	5.87	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.587	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.30**		mg/kg dry	0.587	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**12.5**		mg/kg dry	0.587	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19300**		mg/kg dry	2.35	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**25.8**		mg/kg dry	0.587	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**10700**		mg/kg dry	5.87	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**632**		mg/kg dry	0.587	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**16.1**		mg/kg dry	0.587	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1050**		mg/kg dry	5.87	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.95**		mg/kg dry	1.17	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.587	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**61.6**		mg/kg dry	11.7	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.17	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**23.0**		mg/kg dry	1.17	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_11-12 **York Sample ID:** 18B0462-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:30 am	02/13/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**25.0**		mg/kg dry	1.76	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0459**		mg/kg dry	0.0352	1	EPA 7473	02/15/2018 09:40	02/15/2018 12:05	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.2**		%	0.100	1	SM 2540G	02/19/2018 10:02	02/19/2018 16:07	PAM
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.587	1	EPA 7196A	02/16/2018 12:21	02/16/2018 18:55	TJM
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.3**		mg/kg	0.500	1	Calculation	02/19/2018 16:22	02/19/2018 16:43	PAM
							Certifications:			

Sample Information

Client Sample ID: SB107_14-15 **York Sample ID:** 18B0462-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:45 am	02/13/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4360**		mg/kg dry	5.28	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.528	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.46**		mg/kg dry	1.06	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**36.4**		mg/kg dry	1.06	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.106	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1490**		mg/kg dry	5.28	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.4**		mg/kg dry	0.528	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.81**		mg/kg dry	0.528	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**24.1**		mg/kg dry	0.528	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12200**		mg/kg dry	2.11	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**7.07**		mg/kg dry	0.528	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2410**		mg/kg dry	5.28	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**246**		mg/kg dry	0.528	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**35.3**		mg/kg dry	0.528	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1150**		mg/kg dry	5.28	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.39**		mg/kg dry	1.06	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.528	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	10.6	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.06	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**51.8**		mg/kg dry	1.06	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107_14-15 **York Sample ID:** 18B0462-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0462	170384501	Soil	February 13, 2018 9:45 am	02/13/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**32.9**		mg/kg dry	1.58	1	EPA 6010C	02/14/2018 10:20	02/17/2018 15:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0317	1	EPA 7473	02/15/2018 09:40	02/15/2018 12:14	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.8**		%	0.100	1	SM 2540G	02/19/2018 10:02	02/19/2018 16:07	PAM
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	02/16/2018 12:21	02/16/2018 18:55	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.4**		mg/kg	0.500	1	Calculation	02/19/2018 16:22	02/19/2018 16:43	PAM
							Certifications:			

Analytical Batch Summary

Batch ID: BB80548 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01	SB107_1-2	02/14/18
18B0462-03	SB107_15-16	02/14/18
18B0462-04	SB107_21-23	02/14/18
18B0462-05	SB107_26-28	02/14/18
18B0462-06	DUP05_021318	02/14/18
18B0462-07	SB107_7-8	02/14/18
18B0462-08	SB107_11-12	02/14/18
18B0462-09	SB107_14-15	02/14/18
BB80548-BLK1	Blank	02/14/18
BB80548-DUP1	Duplicate	02/14/18
BB80548-MS1	Matrix Spike	02/14/18
BB80548-SRM1	Reference	02/14/18

Batch ID: BB80603 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01	SB107_1-2	02/15/18
18B0462-01	SB107_1-2	02/15/18
18B0462-03	SB107_15-16	02/15/18
18B0462-03	SB107_15-16	02/15/18
18B0462-04	SB107_21-23	02/15/18
18B0462-04	SB107_21-23	02/15/18
18B0462-05	SB107_26-28	02/15/18
18B0462-05	SB107_26-28	02/15/18
18B0462-06	DUP05_021318	02/15/18
18B0462-06	DUP05_021318	02/15/18
BB80603-BLK1	Blank	02/15/18
BB80603-BLK1	Blank	02/15/18
BB80603-BS1	LCS	02/15/18
BB80603-MS1	Matrix Spike	02/15/18
BB80603-MSD1	Matrix Spike Dup	02/15/18

Batch ID: BB80615 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01	SB107_1-2	02/15/18
18B0462-03	SB107_15-16	02/15/18
18B0462-04	SB107_21-23	02/15/18
18B0462-05	SB107_26-28	02/15/18
18B0462-06	DUP05_021318	02/15/18
18B0462-07	SB107_7-8	02/15/18
18B0462-08	SB107_11-12	02/15/18
18B0462-09	SB107_14-15	02/15/18
BB80615-BLK1	Blank	02/15/18
BB80615-DUP1	Duplicate	02/15/18

BB80615-MS1	Matrix Spike	02/15/18
BB80615-SRM1	Reference	02/15/18

Batch ID: BB80672 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01	SB107_1-2	02/16/18
18B0462-03	SB107_15-16	02/16/18
18B0462-04	SB107_21-23	02/16/18
18B0462-05	SB107_26-28	02/16/18
18B0462-06	DUP05_021318	02/16/18
BB80672-BLK1	Blank	02/16/18
BB80672-BS1	LCS	02/16/18
BB80672-MS1	Matrix Spike	02/16/18
BB80672-MSD1	Matrix Spike Dup	02/16/18

Batch ID: BB80679 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01	SB107_1-2	02/16/18
18B0462-03	SB107_15-16	02/16/18
18B0462-04	SB107_21-23	02/16/18
18B0462-05	SB107_26-28	02/16/18
18B0462-06	DUP05_021318	02/16/18
BB80679-BLK1	Blank	02/16/18
BB80679-BS1	LCS	02/16/18
BB80679-BSD1	LCS Dup	02/16/18
BB80679-MS1	Matrix Spike	02/16/18
BB80679-MSD1	Matrix Spike Dup	02/16/18

Batch ID: BB80711 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01	SB107_1-2	02/16/18
18B0462-03	SB107_15-16	02/16/18
18B0462-04	SB107_21-23	02/16/18
18B0462-05	SB107_26-28	02/16/18
18B0462-06	DUP05_021318	02/16/18
18B0462-07	SB107_7-8	02/16/18
18B0462-08	SB107_11-12	02/16/18
18B0462-09	SB107_14-15	02/16/18
BB80711-BLK1	Blank	02/16/18
BB80711-DUP1	Duplicate	02/16/18
BB80711-MS1	Matrix Spike	02/16/18
BB80711-SRM1	Reference	02/16/18

Batch ID: BB80716 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date

18B0462-01	SB107_1-2	02/16/18
18B0462-01	SB107_1-2	02/16/18
18B0462-03	SB107_15-16	02/16/18
18B0462-03	SB107_15-16	02/16/18
18B0462-04	SB107_21-23	02/16/18
18B0462-04	SB107_21-23	02/16/18
18B0462-05	SB107_26-28	02/16/18
18B0462-05	SB107_26-28	02/16/18
18B0462-06	DUP05_021318	02/16/18
18B0462-06	DUP05_021318	02/16/18
BB80716-BLK1	Blank	02/16/18
BB80716-BLK2	Blank	02/16/18
BB80716-BS1	LCS	02/16/18
BB80716-BS2	LCS	02/16/18

Batch ID: BB80740 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01RE1	SB107_1-2	02/17/18
BB80740-BLK1	Blank	02/17/18
BB80740-BLK2	Blank	02/17/18
BB80740-BS1	LCS	02/17/18
BB80740-BSD1	LCS Dup	02/17/18

Batch ID: BB80774 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01	SB107_1-2	02/19/18
18B0462-03	SB107_15-16	02/19/18
18B0462-04	SB107_21-23	02/19/18
18B0462-05	SB107_26-28	02/19/18
18B0462-06	DUP05_021318	02/19/18
BB80774-BLK1	Blank	02/19/18
BB80774-DUP1	Duplicate	02/19/18
BB80774-MS1	Matrix Spike	02/19/18
BB80774-SRM1	Reference	02/19/18

Batch ID: BB80775 **Preparation Method:** % Solids Prep **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01	SB107_1-2	02/19/18
18B0462-03	SB107_15-16	02/19/18
18B0462-04	SB107_21-23	02/19/18
18B0462-05	SB107_26-28	02/19/18
BB80775-DUP1	Duplicate	02/19/18

Batch ID: BB80776 **Preparation Method:** % Solids Prep **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date

18B0462-06	DUP05_021318	02/19/18
18B0462-07	SB107_7-8	02/19/18
18B0462-08	SB107_11-12	02/19/18
18B0462-09	SB107_14-15	02/19/18

Batch ID: BB80805 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0462-01	SB107_1-2	02/19/18
18B0462-03	SB107_15-16	02/19/18
18B0462-04	SB107_21-23	02/19/18
18B0462-05	SB107_26-28	02/19/18
18B0462-06	DUP05_021318	02/19/18
18B0462-07	SB107_7-8	02/19/18
18B0462-08	SB107_11-12	02/19/18
18B0462-09	SB107_14-15	02/19/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80679 - EPA 5035A											
Blank (BB80679-BLK1)											
Prepared & Analyzed: 02/16/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80679 - EPA 5035A											
Blank (BB80679-BLK1)									Prepared & Analyzed: 02/16/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.8*		*"*	*50.0*		*93.6*	*76-130*				
LCS (BB80679-BS1)									Prepared & Analyzed: 02/16/2018		
1,1,1,2-Tetrachloroethane	54.4		ug/L	50.0		109	75-129				
1,1,1-Trichloroethane	52.9		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	56.5		"	50.0		113	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.4		"	50.0		101	58-146				
1,1,2-Trichloroethane	52.4		"	50.0		105	83-123				
1,1-Dichloroethane	53.0		"	50.0		106	75-130				
1,1-Dichloroethylene	52.5		"	50.0		105	64-137				
1,2,3-Trichlorobenzene	52.2		"	50.0		104	81-140				
1,2,3-Trichloropropane	54.9		"	50.0		110	81-126				
1,2,4-Trichlorobenzene	50.9		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	54.0		"	50.0		108	84-125				
1,2-Dibromo-3-chloropropane	57.2		"	50.0		114	74-142				
1,2-Dibromoethane	54.6		"	50.0		109	86-123				
1,2-Dichlorobenzene	53.8		"	50.0		108	85-122				
1,2-Dichloroethane	52.5		"	50.0		105	71-133				
1,2-Dichloropropane	51.2		"	50.0		102	81-122				
1,3,5-Trimethylbenzene	52.7		"	50.0		105	82-126				
1,3-Dichlorobenzene	52.3		"	50.0		105	84-124				
1,4-Dichlorobenzene	52.2		"	50.0		104	84-124				
1,4-Dioxane	1140		"	1050		109	10-228				
2-Butanone	51.5		"	50.0		103	58-147				
2-Hexanone	54.6		"	50.0		109	70-139				
4-Methyl-2-pentanone	52.6		"	50.0		105	72-132				
Acetone	50.0		"	50.0		100	36-155				
Acrolein	41.6		"	50.0		83.2	10-238				
Acrylonitrile	53.8		"	50.0		108	66-141				
Benzene	52.0		"	50.0		104	77-127				
Bromochloromethane	54.0		"	50.0		108	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80679 - EPA 5035A											
LCS (BB80679-BS1)							Prepared & Analyzed: 02/16/2018				
Bromodichloromethane	53.2		ug/L	50.0		106	81-124				
Bromoform	55.4		"	50.0		111	80-136				
Bromomethane	53.1		"	50.0		106	32-177				
Carbon disulfide	57.6		"	50.0		115	10-136				
Carbon tetrachloride	55.5		"	50.0		111	66-143				
Chlorobenzene	53.3		"	50.0		107	86-120				
Chloroethane	52.6		"	50.0		105	51-142				
Chloroform	50.8		"	50.0		102	76-131				
Chloromethane	56.0		"	50.0		112	49-132				
cis-1,2-Dichloroethylene	51.5		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	50.5		"	50.0		101	81-129				
Cyclohexane	51.9		"	50.0		104	70-130				
Dibromochloromethane	55.7		"	50.0		111	10-200				
Dibromomethane	53.0		"	50.0		106	83-124				
Dichlorodifluoromethane	70.5		"	50.0		141	28-158				
Ethyl Benzene	52.4		"	50.0		105	84-125				
Hexachlorobutadiene	51.6		"	50.0		103	83-133				
Isopropylbenzene	53.5		"	50.0		107	81-127				
Methyl acetate	47.3		"	50.0		94.6	41-143				
Methyl tert-butyl ether (MTBE)	54.0		"	50.0		108	74-131				
Methylcyclohexane	52.8		"	50.0		106	70-130				
Methylene chloride	49.6		"	50.0		99.1	57-141				
n-Butylbenzene	52.6		"	50.0		105	80-130				
n-Propylbenzene	53.8		"	50.0		108	74-136				
o-Xylene	53.0		"	50.0		106	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
p-Isopropyltoluene	53.3		"	50.0		107	85-125				
sec-Butylbenzene	55.5		"	50.0		111	83-125				
Styrene	49.8		"	50.0		99.6	86-126				
tert-Butyl alcohol (TBA)	281		"	250		113	70-130				
tert-Butylbenzene	44.4		"	50.0		88.9	80-127				
Tetrachloroethylene	49.3		"	50.0		98.7	80-129				
Toluene	52.8		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	51.4		"	50.0		103	72-132				
trans-1,3-Dichloropropylene	51.3		"	50.0		103	78-132				
Trichloroethylene	53.9		"	50.0		108	84-123				
Trichlorofluoromethane	55.2		"	50.0		110	62-140				
Vinyl Chloride	57.0		"	50.0		114	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.3*	*77-125*				
Surrogate: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80679 - EPA 5035A											
LCS Dup (BB80679-BSD1)								Prepared & Analyzed: 02/16/2018			
1,1,1,2-Tetrachloroethane	56.0		ug/L	50.0		112	75-129		2.95	30	
1,1,1-Trichloroethane	53.5		"	50.0		107	71-137		1.05	30	
1,1,2,2-Tetrachloroethane	57.9		"	50.0		116	79-129		2.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.9		"	50.0		102	58-146		1.09	30	
1,1,2-Trichloroethane	54.5		"	50.0		109	83-123		3.84	30	
1,1-Dichloroethane	54.4		"	50.0		109	75-130		2.51	30	
1,1-Dichloroethylene	52.0		"	50.0		104	64-137		0.823	30	
1,2,3-Trichlorobenzene	53.9		"	50.0		108	81-140		3.07	30	
1,2,3-Trichloropropane	55.8		"	50.0		112	81-126		1.59	30	
1,2,4-Trichlorobenzene	51.7		"	50.0		103	80-141		1.68	30	
1,2,4-Trimethylbenzene	54.7		"	50.0		109	84-125		1.23	30	
1,2-Dibromo-3-chloropropane	64.4		"	50.0		129	74-142		11.7	30	
1,2-Dibromoethane	54.9		"	50.0		110	86-123		0.548	30	
1,2-Dichlorobenzene	55.7		"	50.0		111	85-122		3.56	30	
1,2-Dichloroethane	53.4		"	50.0		107	71-133		1.68	30	
1,2-Dichloropropane	52.7		"	50.0		105	81-122		2.94	30	
1,3,5-Trimethylbenzene	53.5		"	50.0		107	82-126		1.52	30	
1,3-Dichlorobenzene	53.4		"	50.0		107	84-124		2.14	30	
1,4-Dichlorobenzene	52.4		"	50.0		105	84-124		0.383	30	
1,4-Dioxane	1210		"	1050		116	10-228		5.77	30	
2-Butanone	52.4		"	50.0		105	58-147		1.73	30	
2-Hexanone	57.5		"	50.0		115	70-139		5.05	30	
4-Methyl-2-pentanone	54.8		"	50.0		110	72-132		3.98	30	
Acetone	49.0		"	50.0		98.1	36-155		1.94	30	
Acrolein	42.0		"	50.0		83.9	10-238		0.837	30	
Acrylonitrile	54.4		"	50.0		109	66-141		1.02	30	
Benzene	52.9		"	50.0		106	77-127		1.83	30	
Bromochloromethane	56.0		"	50.0		112	74-129		3.62	30	
Bromodichloromethane	53.8		"	50.0		108	81-124		1.14	30	
Bromoform	57.1		"	50.0		114	80-136		3.13	30	
Bromomethane	57.0		"	50.0		114	32-177		7.16	30	
Carbon disulfide	58.9		"	50.0		118	10-136		2.25	30	
Carbon tetrachloride	57.4		"	50.0		115	66-143		3.43	30	
Chlorobenzene	55.2		"	50.0		110	86-120		3.43	30	
Chloroethane	55.8		"	50.0		112	51-142		5.94	30	
Chloroform	51.4		"	50.0		103	76-131		1.27	30	
Chloromethane	59.3		"	50.0		119	49-132		5.72	30	
cis-1,2-Dichloroethylene	52.3		"	50.0		105	74-132		1.58	30	
cis-1,3-Dichloropropylene	52.0		"	50.0		104	81-129		2.91	30	
Cyclohexane	52.7		"	50.0		105	70-130		1.63	30	
Dibromochloromethane	56.8		"	50.0		114	10-200		1.94	30	
Dibromomethane	55.4		"	50.0		111	83-124		4.33	30	
Dichlorodifluoromethane	70.4		"	50.0		141	28-158		0.0994	30	
Ethyl Benzene	53.2		"	50.0		106	84-125		1.48	30	
Hexachlorobutadiene	53.0		"	50.0		106	83-133		2.64	30	
Isopropylbenzene	53.4		"	50.0		107	81-127		0.243	30	
Methyl acetate	50.2		"	50.0		100	41-143		5.97	30	
Methyl tert-butyl ether (MTBE)	55.1		"	50.0		110	74-131		2.03	30	
Methylcyclohexane	52.7		"	50.0		105	70-130		0.0948	30	
Methylene chloride	51.1		"	50.0		102	57-141		3.10	30	
n-Butylbenzene	53.6		"	50.0		107	80-130		1.92	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80679 - EPA 5035A											
LCS Dup (BB80679-BSD1)								Prepared & Analyzed: 02/16/2018			
n-Propylbenzene	54.5		ug/L	50.0		109	74-136		1.29	30	
o-Xylene	53.8		"	50.0		108	83-123		1.53	30	
p- & m- Xylenes	103		"	100		103	82-128		0.629	30	
p-Isopropyltoluene	54.6		"	50.0		109	85-125		2.43	30	
sec-Butylbenzene	56.7		"	50.0		113	83-125		2.12	30	
Styrene	51.0		"	50.0		102	86-126		2.32	30	
tert-Butyl alcohol (TBA)	303		"	250		121	70-130		7.50	30	
tert-Butylbenzene	45.0		"	50.0		90.1	80-127		1.34	30	
Tetrachloroethylene	50.3		"	50.0		101	80-129		2.01	30	
Toluene	54.6		"	50.0		109	85-121		3.33	30	
trans-1,2-Dichloroethylene	53.9		"	50.0		108	72-132		4.88	30	
trans-1,3-Dichloropropylene	53.8		"	50.0		108	78-132		4.70	30	
Trichloroethylene	55.6		"	50.0		111	84-123		3.20	30	
Trichlorofluoromethane	56.1		"	50.0		112	62-140		1.73	30	
Vinyl Chloride	59.5		"	50.0		119	52-130		4.33	30	
Surrogate: 1,2-Dichloroethane-d4	*50.4*		*"*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
Matrix Spike (BB80679-MS1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/16/2018			
1,1,1,2-Tetrachloroethane	47.8		ug/L	50.0	0.00	95.5	15-161				
1,1,1-Trichloroethane	47.0		"	50.0	0.00	93.9	42-145				
1,1,2,2-Tetrachloroethane	51.2		"	50.0	0.00	102	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.3		"	50.0	0.00	80.6	11-160				
1,1,2-Trichloroethane	48.4		"	50.0	0.00	96.9	44-145				
1,1-Dichloroethane	46.5		"	50.0	0.00	93.1	46-142				
1,1-Dichloroethylene	44.4		"	50.0	0.00	88.9	30-153				
1,2,3-Trichlorobenzene	33.6		"	50.0	0.00	67.2	10-157				
1,2,3-Trichloropropane	51.6		"	50.0	0.00	103	38-155				
1,2,4-Trichlorobenzene	28.4		"	50.0	0.00	56.9	10-151				
1,2,4-Trimethylbenzene	41.8		"	50.0	0.00	83.5	10-170				
1,2-Dibromo-3-chloropropane	55.5		"	50.0	0.00	111	36-138				
1,2-Dibromoethane	49.4		"	50.0	0.00	98.7	40-142				
1,2-Dichlorobenzene	41.4		"	50.0	0.00	82.9	10-147				
1,2-Dichloroethane	47.7		"	50.0	0.00	95.4	48-133				
1,2-Dichloropropane	46.9		"	50.0	0.00	93.8	47-141				
1,3,5-Trimethylbenzene	40.6		"	50.0	0.00	81.1	10-150				
1,3-Dichlorobenzene	37.1		"	50.0	0.00	74.2	10-144				
1,4-Dichlorobenzene	36.2		"	50.0	0.00	72.3	10-160				
1,4-Dioxane	1510		"	1050	0.00	143	10-191				
2-Butanone	52.5		"	50.0	0.00	105	10-189				
2-Hexanone	53.6		"	50.0	0.00	107	10-181				
4-Methyl-2-pentanone	50.4		"	50.0	0.00	101	10-166				
Acetone	63.9		"	50.0	11.3	105	10-196				
Acrolein	28.9		"	50.0	0.00	57.7	10-192				
Acrylonitrile	51.5		"	50.0	0.00	103	13-161				
Benzene	45.1		"	50.0	0.00	90.2	43-139				
Bromochloromethane	49.3		"	50.0	0.00	98.6	38-145				
Bromodichloromethane	47.1		"	50.0	0.00	94.1	38-147				
Bromoform	50.9		"	50.0	0.00	102	29-156				
Bromomethane	41.7		"	50.0	0.00	83.5	10-166				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80679 - EPA 5035A											
Matrix Spike (BB80679-MS1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/16/2018			
Carbon disulfide	48.7		ug/L	50.0	0.00	97.5	10-131				
Carbon tetrachloride	48.4		"	50.0	0.00	96.8	35-145				
Chlorobenzene	43.7		"	50.0	0.00	87.4	21-154				
Chloroethane	45.0		"	50.0	0.00	89.9	15-160				
Chloroform	46.6		"	50.0	0.00	93.1	47-142				
Chloromethane	47.7		"	50.0	0.00	95.4	10-159				
cis-1,2-Dichloroethylene	45.8		"	50.0	0.00	91.6	42-144				
cis-1,3-Dichloropropylene	42.8		"	50.0	0.00	85.6	18-159				
Cyclohexane	45.8		"	50.0	0.00	91.5	70-130				
Dibromochloromethane	51.0		"	50.0	0.00	102	10-179				
Dibromomethane	48.4		"	50.0	0.00	96.9	47-143				
Dichlorodifluoromethane	49.9		"	50.0	0.00	99.8	10-145				
Ethyl Benzene	42.1		"	50.0	0.00	84.2	11-158				
Hexachlorobutadiene	35.1		"	50.0	0.00	70.2	10-158				
Isopropylbenzene	43.6		"	50.0	0.00	87.1	10-162				
Methyl acetate	57.6		"	50.0	0.00	115	10-149				
Methyl tert-butyl ether (MTBE)	51.3		"	50.0	0.00	103	42-152				
Methylcyclohexane	41.4		"	50.0	0.00	82.9	70-130				
Methylene chloride	59.5		"	50.0	12.1	94.9	28-151				
n-Butylbenzene	35.7		"	50.0	0.00	71.4	10-162				
n-Propylbenzene	41.2		"	50.0	0.00	82.4	10-155				
o-Xylene	43.6		"	50.0	0.00	87.3	10-158				
p- & m- Xylenes	83.2		"	100	0.00	83.2	10-156				
p-Isopropyltoluene	39.8		"	50.0	0.00	79.6	10-147				
sec-Butylbenzene	44.1		"	50.0	0.00	88.2	10-157				
Styrene	39.7		"	50.0	0.00	79.3	13-171				
tert-Butyl alcohol (TBA)	321		"	250	0.00	129	34-179				
tert-Butylbenzene	37.6		"	50.0	0.00	75.2	10-160				
Tetrachloroethylene	37.7		"	50.0	0.00	75.4	30-167				
Toluene	44.4		"	50.0	0.00	88.8	21-160				
trans-1,2-Dichloroethylene	43.9		"	50.0	0.00	87.8	29-153				
trans-1,3-Dichloropropylene	43.4		"	50.0	0.00	86.9	18-155				
Trichloroethylene	45.0		"	50.0	0.00	90.1	24-169				
Trichlorofluoromethane	43.2		"	50.0	8.02	70.3	35-142				
Vinyl Chloride	48.2		"	50.0	0.00	96.4	12-160				
Surrogate: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BB80679 - EPA 5035A

Matrix Spike Dup (BB80679-MSD1) *Source sample: 18B0462-04 (SB107_21-23) Prepared & Analyzed: 02/16/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	52.6		ug/L	50.0	0.00	105	15-161		9.65	33	
1,1,1-Trichloroethane	51.1		"	50.0	0.00	102	42-145		8.46	30	
1,1,2,2-Tetrachloroethane	52.0		"	50.0	0.00	104	16-167		1.49	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.5		"	50.0	0.00	93.0	11-160		14.4	31	
1,1,2-Trichloroethane	52.3		"	50.0	0.00	105	44-145		7.62	40	
1,1-Dichloroethane	51.0		"	50.0	0.00	102	46-142		9.09	36	
1,1-Dichloroethylene	48.8		"	50.0	0.00	97.6	30-153		9.35	31	
1,2,3-Trichlorobenzene	36.6		"	50.0	0.00	73.3	10-157		8.62	47	
1,2,3-Trichloropropane	53.3		"	50.0	0.00	107	38-155		3.28	48	
1,2,4-Trichlorobenzene	31.0		"	50.0	0.00	61.9	10-151		8.45	52	
1,2,4-Trimethylbenzene	44.4		"	50.0	0.00	88.8	10-170		6.08	242	
1,2-Dibromo-3-chloropropane	59.7		"	50.0	0.00	119	36-138		7.20	54	
1,2-Dibromoethane	52.4		"	50.0	0.00	105	40-142		5.95	39	
1,2-Dichlorobenzene	45.2		"	50.0	0.00	90.4	10-147		8.70	52	
1,2-Dichloroethane	51.0		"	50.0	0.00	102	48-133		6.77	32	
1,2-Dichloropropane	50.7		"	50.0	0.00	101	47-141		7.75	37	
1,3,5-Trimethylbenzene	44.3		"	50.0	0.00	88.5	10-150		8.70	62	
1,3-Dichlorobenzene	40.2		"	50.0	0.00	80.5	10-144		8.12	51	
1,4-Dichlorobenzene	39.7		"	50.0	0.00	79.3	10-160		9.20	52	
1,4-Dioxane	1370		"	1050	0.00	131	10-191		9.21	196	
2-Butanone	50.5		"	50.0	0.00	101	10-189		3.89	67	
2-Hexanone	54.7		"	50.0	0.00	109	10-181		2.12	60	
4-Methyl-2-pentanone	52.2		"	50.0	0.00	104	10-166		3.43	47	
Acetone	60.0		"	50.0	10.8	98.2	10-196		6.41	150	
Acrolein	32.6		"	50.0	0.00	65.2	10-192		12.1	128	
Acrylonitrile	56.4		"	50.0	0.00	113	13-161		9.17	48	
Benzene	49.5		"	50.0	0.00	99.1	43-139		9.34	64	
Bromochloromethane	53.2		"	50.0	0.00	106	38-145		7.63	30	
Bromodichloromethane	51.5		"	50.0	0.00	103	38-147		9.05	37	
Bromoform	54.2		"	50.0	0.00	108	29-156		6.43	51	
Bromomethane	49.7		"	50.0	0.00	99.4	10-166		17.4	42	
Carbon disulfide	53.7		"	50.0	0.00	107	10-131		9.72	36	
Carbon tetrachloride	53.3		"	50.0	0.00	107	35-145		9.63	31	
Chlorobenzene	47.6		"	50.0	0.00	95.3	21-154		8.63	32	
Chloroethane	48.8		"	50.0	0.00	97.6	15-160		8.19	40	
Chloroform	49.6		"	50.0	0.00	99.2	47-142		6.28	29	
Chloromethane	50.9		"	50.0	0.00	102	10-159		6.41	31	
cis-1,2-Dichloroethylene	49.6		"	50.0	0.00	99.1	42-144		7.87	30	
cis-1,3-Dichloropropylene	46.8		"	50.0	0.00	93.5	18-159		8.87	39	
Cyclohexane	49.8		"	50.0	0.00	99.5	70-130		8.38	30	
Dibromochloromethane	54.2		"	50.0	0.00	108	10-179		6.05	41	
Dibromomethane	51.4		"	50.0	0.00	103	47-143		5.93	41	
Dichlorodifluoromethane	54.3		"	50.0	0.00	109	10-145		8.47	34	
Ethyl Benzene	46.9		"	50.0	0.00	93.8	11-158		10.9	42	
Hexachlorobutadiene	39.3		"	50.0	0.00	78.6	10-158		11.3	45	
Isopropylbenzene	47.6		"	50.0	0.00	95.2	10-162		8.91	57	
Methyl acetate	49.1		"	50.0	0.00	98.2	10-149		16.0	64	
Methyl tert-butyl ether (MTBE)	53.7		"	50.0	0.00	107	42-152		4.69	47	
Methylcyclohexane	46.1		"	50.0	0.00	92.1	70-130		10.6	30	
Methylene chloride	51.3		"	50.0	11.6	79.4	28-151		14.9	49	
n-Butylbenzene	39.0		"	50.0	0.00	77.9	10-162		8.68	96	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80679 - EPA 5035A											
Matrix Spike Dup (BB80679-MSD1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/16/2018			
n-Propylbenzene	44.2		ug/L	50.0	0.00	88.4	10-155		7.03	56	
o-Xylene	48.0		"	50.0	0.00	96.0	10-158		9.52	51	
p- & m- Xylenes	90.1		"	100	0.00	90.1	10-156		7.93	47	
p-Isopropyltoluene	42.6		"	50.0	0.00	85.2	10-147		6.77	60	
sec-Butylbenzene	47.6		"	50.0	0.00	95.2	10-157		7.66	56	
Styrene	32.6		"	50.0	0.00	65.3	13-171		19.4	39	
tert-Butyl alcohol (TBA)	318		"	250	0.00	127	34-179		1.20	35	
tert-Butylbenzene	40.0		"	50.0	0.00	80.0	10-160		6.21	79	
Tetrachloroethylene	42.3		"	50.0	0.00	84.5	30-167		11.5	33	
Toluene	49.5		"	50.0	0.00	99.1	21-160		10.9	50	
trans-1,2-Dichloroethylene	48.8		"	50.0	0.00	97.6	29-153		10.5	30	
trans-1,3-Dichloropropylene	46.0		"	50.0	0.00	91.9	18-155		5.68	30	
Trichloroethylene	49.3		"	50.0	0.00	98.6	24-169		8.97	30	
Trichlorofluoromethane	49.0		"	50.0	7.69	82.6	35-142		12.6	30	
Vinyl Chloride	51.7		"	50.0	0.00	103	12-160		7.10	35	
Surrogate: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				
Batch BB80740 - EPA 5035A											
Blank (BB80740-BLK1)								Prepared & Analyzed: 02/17/2018			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80740 - EPA 5035A											
Blank (BB80740-BLK1)											Prepared & Analyzed: 02/17/2018
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*53.4*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80740 - EPA 5035A											
Blank (BB80740-BLK2)											
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								

Prepared & Analyzed: 02/17/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80740 - EPA 5035A											
Blank (BB80740-BLK2)									Prepared & Analyzed: 02/17/2018		
n-Propylbenzene	ND	0.50	mg/kg wet								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.0*		*"*	*50.0*		*92.0*	*76-130*				
LCS (BB80740-BS1)									Prepared & Analyzed: 02/17/2018		
1,1,1,2-Tetrachloroethane	54.7		ug/L	50.0		109	75-129				
1,1,1-Trichloroethane	53.8		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	57.1		"	50.0		114	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.4		"	50.0		103	58-146				
1,1,2-Trichloroethane	52.2		"	50.0		104	83-123				
1,1-Dichloroethane	52.4		"	50.0		105	75-130				
1,1-Dichloroethylene	50.8		"	50.0		102	64-137				
1,2,3-Trichlorobenzene	57.1		"	50.0		114	81-140				
1,2,3-Trichloropropane	53.8		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	56.8		"	50.0		114	80-141				
1,2,4-Trimethylbenzene	57.4		"	50.0		115	84-125				
1,2-Dibromo-3-chloropropane	55.5		"	50.0		111	74-142				
1,2-Dibromoethane	53.9		"	50.0		108	86-123				
1,2-Dichlorobenzene	56.3		"	50.0		113	85-122				
1,2-Dichloroethane	50.9		"	50.0		102	71-133				
1,2-Dichloropropane	51.2		"	50.0		102	81-122				
1,3,5-Trimethylbenzene	56.6		"	50.0		113	82-126				
1,3-Dichlorobenzene	55.9		"	50.0		112	84-124				
1,4-Dichlorobenzene	56.3		"	50.0		113	84-124				
1,4-Dioxane	1040		"	1050		98.9	10-228				
2-Butanone	55.4		"	50.0		111	58-147				
2-Hexanone	55.5		"	50.0		111	70-139				
4-Methyl-2-pentanone	51.3		"	50.0		103	72-132				
Acetone	67.5		"	50.0		135	36-155				
Acrolein	41.5		"	50.0		83.0	10-238				
Acrylonitrile	52.1		"	50.0		104	66-141				
Benzene	52.4		"	50.0		105	77-127				
Bromochloromethane	54.6		"	50.0		109	74-129				
Bromodichloromethane	52.7		"	50.0		105	81-124				
Bromoform	59.4		"	50.0		119	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80740 - EPA 5035A											
LCS (BB80740-BS1)							Prepared & Analyzed: 02/17/2018				
Bromomethane	52.5		ug/L	50.0		105	32-177				
Carbon disulfide	57.1		"	50.0		114	10-136				
Carbon tetrachloride	56.2		"	50.0		112	66-143				
Chlorobenzene	54.6		"	50.0		109	86-120				
Chloroethane	54.4		"	50.0		109	51-142				
Chloroform	51.0		"	50.0		102	76-131				
Chloromethane	57.1		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	50.5		"	50.0		101	74-132				
cis-1,3-Dichloropropylene	52.6		"	50.0		105	81-129				
Cyclohexane	53.8		"	50.0		108	70-130				
Dibromochloromethane	56.5		"	50.0		113	10-200				
Dibromomethane	52.5		"	50.0		105	83-124				
Dichlorodifluoromethane	67.0		"	50.0		134	28-158				
Ethyl Benzene	53.3		"	50.0		107	84-125				
Hexachlorobutadiene	57.7		"	50.0		115	83-133				
Isopropylbenzene	56.6		"	50.0		113	81-127				
Methyl acetate	44.9		"	50.0		89.9	41-143				
Methyl tert-butyl ether (MTBE)	51.8		"	50.0		104	74-131				
Methylcyclohexane	52.4		"	50.0		105	70-130				
Methylene chloride	51.2		"	50.0		102	57-141				
n-Butylbenzene	57.5		"	50.0		115	80-130				
n-Propylbenzene	57.1		"	50.0		114	74-136				
o-Xylene	53.8		"	50.0		108	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
p-Isopropyltoluene	57.3		"	50.0		115	85-125				
sec-Butylbenzene	59.5		"	50.0		119	83-125				
Styrene	50.6		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	254		"	250		102	70-130				
tert-Butylbenzene	48.2		"	50.0		96.4	80-127				
Tetrachloroethylene	51.3		"	50.0		103	80-129				
Toluene	54.2		"	50.0		108	85-121				
trans-1,2-Dichloroethylene	52.3		"	50.0		105	72-132				
trans-1,3-Dichloropropylene	53.5		"	50.0		107	78-132				
Trichloroethylene	54.3		"	50.0		109	84-123				
Trichlorofluoromethane	57.8		"	50.0		116	62-140				
Vinyl Chloride	58.5		"	50.0		117	52-130				
Surrogate: 1,2-Dichloroethane-d4	*47.7*		*"*	*50.0*		*95.4*	*77-125*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80740 - EPA 5035A											
LCS Dup (BB80740-BSD1)								Prepared & Analyzed: 02/17/2018			
1,1,1,2-Tetrachloroethane	54.3		ug/L	50.0		109	75-129		0.734	30	
1,1,1-Trichloroethane	57.0		"	50.0		114	71-137		5.83	30	
1,1,2,2-Tetrachloroethane	59.6		"	50.0		119	79-129		4.32	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.9		"	50.0		110	58-146		6.54	30	
1,1,2-Trichloroethane	53.8		"	50.0		108	83-123		3.06	30	
1,1-Dichloroethane	55.7		"	50.0		111	75-130		6.03	30	
1,1-Dichloroethylene	55.3		"	50.0		111	64-137		8.57	30	
1,2,3-Trichlorobenzene	58.0		"	50.0		116	81-140		1.62	30	
1,2,3-Trichloropropane	57.0		"	50.0		114	81-126		5.85	30	
1,2,4-Trichlorobenzene	58.7		"	50.0		117	80-141		3.29	30	
1,2,4-Trimethylbenzene	57.1		"	50.0		114	84-125		0.489	30	
1,2-Dibromo-3-chloropropane	66.0		"	50.0		132	74-142		17.3	30	
1,2-Dibromoethane	55.6		"	50.0		111	86-123		3.10	30	
1,2-Dichlorobenzene	56.8		"	50.0		114	85-122		0.901	30	
1,2-Dichloroethane	55.6		"	50.0		111	71-133		8.92	30	
1,2-Dichloropropane	53.7		"	50.0		107	81-122		4.80	30	
1,3,5-Trimethylbenzene	54.7		"	50.0		109	82-126		3.41	30	
1,3-Dichlorobenzene	56.2		"	50.0		112	84-124		0.571	30	
1,4-Dichlorobenzene	55.2		"	50.0		110	84-124		2.01	30	
1,4-Dioxane	1120		"	1050		107	10-228		7.91	30	
2-Butanone	55.7		"	50.0		111	58-147		0.576	30	
2-Hexanone	55.2		"	50.0		110	70-139		0.596	30	
4-Methyl-2-pentanone	53.3		"	50.0		107	72-132		3.78	30	
Acetone	53.7		"	50.0		107	36-155		22.8	30	
Acrolein	46.3		"	50.0		92.7	10-238		11.0	30	
Acrylonitrile	54.1		"	50.0		108	66-141		3.73	30	
Benzene	54.4		"	50.0		109	77-127		3.75	30	
Bromochloromethane	57.3		"	50.0		115	74-129		4.86	30	
Bromodichloromethane	54.2		"	50.0		108	81-124		2.83	30	
Bromoform	57.7		"	50.0		115	80-136		2.80	30	
Bromomethane	55.8		"	50.0		112	32-177		6.11	30	
Carbon disulfide	60.3		"	50.0		121	10-136		5.40	30	
Carbon tetrachloride	58.8		"	50.0		118	66-143		4.63	30	
Chlorobenzene	54.7		"	50.0		109	86-120		0.183	30	
Chloroethane	55.2		"	50.0		110	51-142		1.41	30	
Chloroform	54.5		"	50.0		109	76-131		6.73	30	
Chloromethane	60.3		"	50.0		121	49-132		5.52	30	
cis-1,2-Dichloroethylene	54.3		"	50.0		109	74-132		7.26	30	
cis-1,3-Dichloropropylene	54.6		"	50.0		109	81-129		3.86	30	
Cyclohexane	55.3		"	50.0		111	70-130		2.82	30	
Dibromochloromethane	57.2		"	50.0		114	10-200		1.18	30	
Dibromomethane	52.8		"	50.0		106	83-124		0.589	30	
Dichlorodifluoromethane	70.4		"	50.0		141	28-158		4.95	30	
Ethyl Benzene	53.6		"	50.0		107	84-125		0.542	30	
Hexachlorobutadiene	58.6		"	50.0		117	83-133		1.46	30	
Isopropylbenzene	56.5		"	50.0		113	81-127		0.212	30	
Methyl acetate	49.6		"	50.0		99.3	41-143		9.92	30	
Methyl tert-butyl ether (MTBE)	56.2		"	50.0		112	74-131		8.20	30	
Methylcyclohexane	53.2		"	50.0		106	70-130		1.44	30	
Methylene chloride	53.6		"	50.0		107	57-141		4.62	30	
n-Butylbenzene	57.6		"	50.0		115	80-130		0.191	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80740 - EPA 5035A											
LCS Dup (BB80740-BSD1)								Prepared & Analyzed: 02/17/2018			
n-Propylbenzene	56.0		ug/L	50.0		112	74-136		1.91	30	
o-Xylene	54.7		"	50.0		109	83-123		1.77	30	
p- & m- Xylenes	104		"	100		104	82-128		0.249	30	
p-Isopropyltoluene	56.1		"	50.0		112	85-125		2.05	30	
sec-Butylbenzene	58.4		"	50.0		117	83-125		1.98	30	
Styrene	51.8		"	50.0		104	86-126		2.19	30	
tert-Butyl alcohol (TBA)	286		"	250		114	70-130		11.9	30	
tert-Butylbenzene	47.4		"	50.0		94.8	80-127		1.63	30	
Tetrachloroethylene	50.9		"	50.0		102	80-129		0.743	30	
Toluene	55.6		"	50.0		111	85-121		2.46	30	
trans-1,2-Dichloroethylene	56.2		"	50.0		112	72-132		7.32	30	
trans-1,3-Dichloropropylene	54.7		"	50.0		109	78-132		2.13	30	
Trichloroethylene	54.3		"	50.0		109	84-123		0.00	30	
Trichlorofluoromethane	59.8		"	50.0		120	62-140		3.40	30	
Vinyl Chloride	61.5		"	50.0		123	52-130		5.05	30	
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.3*	*77-125*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80603 - EPA 3550C											
Blank (BB80603-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	0.0400	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared & Analyzed: 02/15/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80603 - EPA 3550C											
Blank (BB80603-BLK1)											
Prepared & Analyzed: 02/15/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.62*		"	*2.55*		*63.7*	*20-108*				
Surrogate: Phenol-d5	*1.55*		"	*2.59*		*59.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.17*		"	*1.81*		*64.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.12*		"	*1.76*		*64.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.13*		"	*2.59*		*82.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.08*		"	*1.69*		*64.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

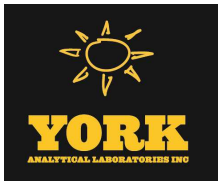
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80603 - EPA 3550C											
LCS (BB80603-BS1)								Prepared & Analyzed: 02/15/2018			
1,1-Biphenyl	0.717	0.0417	mg/kg wet	0.833		86.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.606	0.0833	"	0.833		72.7	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.637	0.0417	"	0.833		76.4	17-137				
2,3,4,6-Tetrachlorophenol	1.43	0.0833	"	0.833		172	30-130	High Bias			
2,4,5-Trichlorophenol	0.713	0.0417	"	0.833		85.5	27-118				
2,4,6-Trichlorophenol	0.697	0.0417	"	0.833		83.6	31-120				
2,4-Dichlorophenol	0.688	0.0417	"	0.833		82.6	20-127				
2,4-Dimethylphenol	0.639	0.0417	"	0.833		76.6	14-132				
2,4-Dinitrophenol	0.983	0.0833	"	0.833		118	10-171				
2,4-Dinitrotoluene	0.913	0.0417	"	0.833		110	34-131				
2,6-Dinitrotoluene	0.817	0.0417	"	0.833		98.0	31-128				
2-Chloronaphthalene	0.568	0.0417	"	0.833		68.2	31-117				
2-Chlorophenol	0.631	0.0417	"	0.833		75.7	33-113				
2-Methylnaphthalene	0.655	0.0417	"	0.833		78.6	12-138				
2-Methylphenol	0.660	0.0417	"	0.833		79.2	10-136				
2-Nitroaniline	0.915	0.0833	"	0.833		110	27-132				
2-Nitrophenol	0.804	0.0417	"	0.833		96.4	17-129				
3- & 4-Methylphenols	0.548	0.0417	"	0.833		65.7	29-103				
3,3-Dichlorobenzidine	0.742	0.0417	"	0.833		89.0	22-149				
3-Nitroaniline	0.780	0.0833	"	0.833		93.6	20-133				
4,6-Dinitro-2-methylphenol	1.05	0.0833	"	0.833		126	10-143				
4-Bromophenyl phenyl ether	0.679	0.0417	"	0.833		81.5	29-120				
4-Chloro-3-methylphenol	0.675	0.0417	"	0.833		81.0	24-129				
4-Chloroaniline	0.524	0.0417	"	0.833		62.9	10-132				
4-Chlorophenyl phenyl ether	0.661	0.0417	"	0.833		79.4	27-124				
4-Nitroaniline	0.749	0.0833	"	0.833		89.8	16-128				
4-Nitrophenol	0.722	0.0833	"	0.833		86.7	10-141				
Acenaphthene	0.691	0.0417	"	0.833		83.0	30-121				
Acenaphthylene	0.648	0.0417	"	0.833		77.7	30-115				
Acetophenone	0.597	0.0417	"	0.833		71.6	20-112				
Aniline	0.452	0.167	"	0.833		54.2	10-119				
Anthracene	0.712	0.0417	"	0.833		85.5	34-118				
Atrazine	0.724	0.0417	"	0.833		86.8	26-112				
Benzaldehyde	0.596	0.0417	"	0.833		71.6	21-100				
Benzo(a)anthracene	0.736	0.0417	"	0.833		88.4	32-122				
Benzo(a)pyrene	0.719	0.0417	"	0.833		86.3	29-133				
Benzo(b)fluoranthene	0.716	0.0417	"	0.833		85.9	25-133				
Benzo(g,h,i)perylene	0.667	0.0417	"	0.833		80.0	10-143				
Benzo(k)fluoranthene	0.668	0.0417	"	0.833		80.2	25-128				
Benzoic acid	0.748	0.0417	"	0.967		77.4	10-140				
Benzyl alcohol	0.571	0.0417	"	0.833		68.6	30-115				
Benzyl butyl phthalate	0.760	0.0417	"	0.833		91.2	26-126				
Bis(2-chloroethoxy)methane	0.590	0.0417	"	0.833		70.8	19-132				
Bis(2-chloroethyl)ether	0.595	0.0417	"	0.833		71.4	19-125				
Bis(2-chloroisopropyl)ether	0.624	0.0417	"	0.833		74.9	20-135				
Bis(2-ethylhexyl)phthalate	0.795	0.0417	"	0.833		95.4	10-155				
Caprolactam	0.613	0.0833	"	0.833		73.6	10-127				
Carbazole	0.596	0.0417	"	0.833		71.5	35-123				
Chrysene	0.717	0.0417	"	0.833		86.0	32-123				
Dibenzo(a,h)anthracene	0.740	0.0417	"	0.833		88.8	10-136				
Dibenzofuran	0.668	0.0417	"	0.833		80.1	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80603 - EPA 3550C											
LCS (BB80603-BS1)								Prepared & Analyzed: 02/15/2018			
Diethyl phthalate	0.657	0.0417	mg/kg wet	0.833		78.8	34-116				
Dimethyl phthalate	0.682	0.0417	"	0.833		81.8	35-124				
Di-n-butyl phthalate	0.693	0.0417	"	0.833		83.2	31-116				
Di-n-octyl phthalate	0.791	0.0417	"	0.833		94.9	26-136				
Diphenylamine	0.782	0.0833	"	0.833		93.8	40-140				
Fluoranthene	0.685	0.0417	"	0.833		82.2	33-122				
Fluorene	0.680	0.0417	"	0.833		81.6	29-123				
Hexachlorobenzene	0.465	0.0417	"	0.833		55.8	21-124				
Hexachlorobutadiene	0.515	0.0417	"	0.833		61.8	10-149				
Hexachlorocyclopentadiene	0.416	0.0417	"	0.833		49.9	10-129				
Hexachloroethane	0.449	0.0417	"	0.833		53.9	28-108				
Indeno(1,2,3-cd)pyrene	0.674	0.0417	"	0.833		80.9	10-135				
Isophorone	0.522	0.0417	"	0.833		62.6	20-132				
Naphthalene	0.618	0.0417	"	0.833		74.2	23-124				
Nitrobenzene	0.535	0.0417	"	0.833		64.2	13-132				
N-Nitrosodimethylamine	0.463	0.0417	"	0.833		55.6	11-129				
N-nitroso-di-n-propylamine	0.535	0.0417	"	0.833		64.2	24-119				
N-Nitrosodiphenylamine	0.798	0.0417	"	0.833		95.7	22-152				
Pentachlorophenol	0.781	0.0417	"	0.833		93.8	10-139				
Phenanthrene	0.716	0.0417	"	0.833		85.9	33-123				
Phenol	0.644	0.0417	"	0.833		77.2	23-115				
Pyrene	0.780	0.0417	"	0.833		93.6	32-130				
Pyridine	0.464	0.167	"	0.833		55.7	10-91				
Surrogate: 2-Fluorophenol	*1.62*		"	*2.55*		*63.7*	*20-108*				
Surrogate: Phenol-d5	*1.57*		"	*2.59*		*60.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.25*		"	*1.81*		*69.1*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.17*		"	*1.76*		*66.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.57*		"	*2.59*		*99.2*	*19-110*				
Surrogate: Terphenyl-d14	*1.12*		"	*1.69*		*66.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

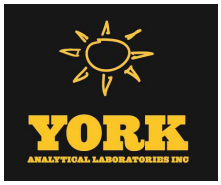
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80603 - EPA 3550C											
Matrix Spike (BB80603-MS1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/15/2018			
1,1-Biphenyl	0.703	0.0873	mg/kg dry	0.872	ND	80.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.583	0.174	"	0.872	ND	66.8	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.674	0.0873	"	0.872	ND	77.3	10-144				
2,3,4,6-Tetrachlorophenol	1.27	0.174	"	0.872	ND	146	30-130	High Bias			
2,4,5-Trichlorophenol	0.670	0.0873	"	0.872	ND	76.8	10-127				
2,4,6-Trichlorophenol	0.591	0.0873	"	0.872	ND	67.8	10-132				
2,4-Dichlorophenol	0.620	0.0873	"	0.872	ND	71.1	10-128				
2,4-Dimethylphenol	0.634	0.0873	"	0.872	ND	72.7	10-137				
2,4-Dinitrophenol	0.447	0.174	"	0.872	ND	51.3	10-171				
2,4-Dinitrotoluene	0.837	0.0873	"	0.872	ND	95.9	16-135				
2,6-Dinitrotoluene	0.742	0.0873	"	0.872	ND	85.1	18-131				
2-Chloronaphthalene	0.571	0.0873	"	0.872	ND	65.4	10-129				
2-Chlorophenol	0.625	0.0873	"	0.872	ND	71.7	15-116				
2-Methylnaphthalene	0.689	0.0873	"	0.872	ND	79.0	10-147				
2-Methylphenol	0.641	0.0873	"	0.872	ND	73.5	10-136				
2-Nitroaniline	0.867	0.174	"	0.872	ND	99.4	10-137				
2-Nitrophenol	0.761	0.0873	"	0.872	ND	87.3	10-129				
3- & 4-Methylphenols	0.571	0.0873	"	0.872	ND	65.4	10-123				
3,3-Dichlorobenzidine	0.627	0.0873	"	0.872	ND	71.9	10-155				
3-Nitroaniline	0.775	0.174	"	0.872	ND	88.9	12-133				
4,6-Dinitro-2-methylphenol	0.874	0.174	"	0.872	ND	100	10-155				
4-Bromophenyl phenyl ether	0.666	0.0873	"	0.872	ND	76.4	14-128				
4-Chloro-3-methylphenol	0.673	0.0873	"	0.872	ND	77.2	10-134				
4-Chloroaniline	0.544	0.0873	"	0.872	ND	62.3	10-145				
4-Chlorophenyl phenyl ether	0.629	0.0873	"	0.872	ND	72.2	14-130				
4-Nitroaniline	0.726	0.174	"	0.872	ND	83.3	10-147				
4-Nitrophenol	0.703	0.174	"	0.872	ND	80.6	10-137				
Acenaphthene	0.733	0.0873	"	0.872	ND	84.1	10-146				
Acenaphthylene	0.672	0.0873	"	0.872	ND	77.0	10-134				
Acetophenone	0.664	0.0873	"	0.872	ND	76.1	10-116				
Aniline	0.491	0.350	"	0.872	ND	56.2	10-123				
Anthracene	0.785	0.0873	"	0.872	ND	90.0	10-142				
Atrazine	0.669	0.0873	"	0.872	ND	76.6	19-115				
Benzaldehyde	0.590	0.0873	"	0.872	ND	67.6	10-125				
Benzo(a)anthracene	0.779	0.0873	"	0.872	ND	89.4	10-158				
Benzo(a)pyrene	0.865	0.0873	"	0.872	ND	99.1	10-180				
Benzo(b)fluoranthene	0.799	0.0873	"	0.872	ND	91.6	10-200				
Benzo(g,h,i)perylene	0.790	0.0873	"	0.872	ND	90.6	10-138				
Benzo(k)fluoranthene	0.772	0.0873	"	0.872	ND	88.5	10-197				
Benzoic acid	0.312	0.0873	"	1.01	ND	30.8	10-166				
Benzyl alcohol	0.574	0.0873	"	0.872	ND	65.8	12-124				
Benzyl butyl phthalate	0.739	0.0873	"	0.872	ND	84.7	10-154				
Bis(2-chloroethoxy)methane	0.625	0.0873	"	0.872	ND	71.7	10-132				
Bis(2-chloroethyl)ether	0.671	0.0873	"	0.872	ND	76.9	10-119				
Bis(2-chloroisopropyl)ether	0.663	0.0873	"	0.872	ND	76.0	10-139				
Bis(2-ethylhexyl)phthalate	0.815	0.0873	"	0.872	0.0495	87.8	10-167				
Caprolactam	0.675	0.174	"	0.872	ND	77.4	10-132				
Carbazole	0.603	0.0873	"	0.872	ND	69.1	10-167				
Chrysene	0.782	0.0873	"	0.872	ND	89.6	10-156				
Dibenzo(a,h)anthracene	0.783	0.0873	"	0.872	ND	89.8	10-137				
Dibenzofuran	0.682	0.0873	"	0.872	ND	78.2	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80603 - EPA 3550C											
Matrix Spike (BB80603-MS1)	*Source sample: 18B0462-04 (SB107_21-23)						Prepared & Analyzed: 02/15/2018				
Diethyl phthalate	0.664	0.0873	mg/kg dry	0.872	ND	76.2	20-120				
Dimethyl phthalate	0.678	0.0873	"	0.872	ND	77.7	18-131				
Di-n-butyl phthalate	0.685	0.0873	"	0.872	ND	78.6	10-137				
Di-n-octyl phthalate	0.821	0.0873	"	0.872	ND	94.1	10-180				
Diphenylamine	0.767	0.174	"	0.872	ND	87.9	40-140				
Fluoranthene	0.835	0.0873	"	0.872	ND	95.7	10-160				
Fluorene	0.688	0.0873	"	0.872	ND	78.9	10-157				
Hexachlorobenzene	0.504	0.0873	"	0.872	ND	57.8	10-137				
Hexachlorobutadiene	0.495	0.0873	"	0.872	ND	56.8	10-132				
Hexachlorocyclopentadiene	0.329	0.0873	"	0.872	ND	37.7	10-106				
Hexachloroethane	0.458	0.0873	"	0.872	ND	52.6	10-110				
Indeno(1,2,3-cd)pyrene	0.777	0.0873	"	0.872	ND	89.0	10-144				
Isophorone	0.554	0.0873	"	0.872	ND	63.5	10-132				
Naphthalene	0.641	0.0873	"	0.872	ND	73.5	10-141				
Nitrobenzene	0.551	0.0873	"	0.872	ND	63.1	10-131				
N-Nitrosodimethylamine	0.530	0.0873	"	0.872	ND	60.7	10-126				
N-nitroso-di-n-propylamine	0.608	0.0873	"	0.872	ND	69.7	10-125				
N-Nitrosodiphenylamine	0.823	0.0873	"	0.872	ND	94.4	10-177				
Pentachlorophenol	0.638	0.0873	"	0.872	ND	73.1	10-153				
Phenanthrene	0.886	0.0873	"	0.872	ND	102	10-148				
Phenol	0.741	0.0873	"	0.872	ND	85.0	10-126				
Pyrene	0.916	0.0873	"	0.872	ND	105	10-165				
Pyridine	0.518	0.350	"	0.872	ND	59.4	10-83				
Surrogate: 2-Fluorophenol	*1.76*		"	*2.67*		*66.0*	*20-108*				
Surrogate: Phenol-d5	*1.72*		"	*2.71*		*63.3*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.31*		"	*1.90*		*68.9*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.21*		"	*1.84*		*66.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.31*		"	*2.71*		*85.3*	*19-110*				
Surrogate: Terphenyl-d14	*1.09*		"	*1.77*		*61.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80603 - EPA 3550C											
Matrix Spike Dup (BB80603-MSD1)	*Source sample: 18B0462-04 (SB107_21-23)								Prepared & Analyzed: 02/15/2018		
1,1-Biphenyl	0.722	0.0873	mg/kg dry	0.872	ND	82.7	10-130		2.55	30	
1,2,4,5-Tetrachlorobenzene	0.601	0.174	"	0.872	ND	68.9	10-133		3.07	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.618	0.0873	"	0.872	ND	70.8	10-144		8.75	30	
2,3,4,6-Tetrachlorophenol	1.27	0.174	"	0.872	ND	146	30-130	High Bias	0.0548	30	
2,4,5-Trichlorophenol	0.649	0.0873	"	0.872	ND	74.4	10-127		3.17	30	
2,4,6-Trichlorophenol	0.645	0.0873	"	0.872	ND	74.0	10-132		8.80	30	
2,4-Dichlorophenol	0.650	0.0873	"	0.872	ND	74.6	10-128		4.72	30	
2,4-Dimethylphenol	0.574	0.0873	"	0.872	ND	65.8	10-137		10.1	30	
2,4-Dinitrophenol	0.825	0.174	"	0.872	ND	94.6	10-171		59.4	30	Non-dir.
2,4-Dinitrotoluene	0.822	0.0873	"	0.872	ND	94.2	16-135		1.77	30	
2,6-Dinitrotoluene	0.807	0.0873	"	0.872	ND	92.6	18-131		8.37	30	
2-Chloronaphthalene	0.565	0.0873	"	0.872	ND	64.8	10-129		0.983	30	
2-Chlorophenol	0.542	0.0873	"	0.872	ND	62.2	15-116		14.2	30	
2-Methylnaphthalene	0.632	0.0873	"	0.872	ND	72.4	10-147		8.67	30	
2-Methylphenol	0.659	0.0873	"	0.872	ND	75.5	10-136		2.68	30	
2-Nitroaniline	0.894	0.174	"	0.872	ND	102	10-137		3.09	30	
2-Nitrophenol	0.683	0.0873	"	0.872	ND	78.3	10-129		10.8	30	
3- & 4-Methylphenols	0.558	0.0873	"	0.872	ND	64.0	10-123		2.22	30	
3,3-Dichlorobenzidine	0.638	0.0873	"	0.872	ND	73.1	10-155		1.65	30	
3-Nitroaniline	0.749	0.174	"	0.872	ND	85.9	12-133		3.39	30	
4,6-Dinitro-2-methylphenol	0.817	0.174	"	0.872	ND	93.7	10-155		6.69	30	
4-Bromophenyl phenyl ether	0.625	0.0873	"	0.872	ND	71.7	14-128		6.37	30	
4-Chloro-3-methylphenol	0.675	0.0873	"	0.872	ND	77.4	10-134		0.310	30	
4-Chloroaniline	0.558	0.0873	"	0.872	ND	64.0	10-145		2.66	30	
4-Chlorophenyl phenyl ether	0.632	0.0873	"	0.872	ND	72.5	14-130		0.442	30	
4-Nitroaniline	0.693	0.174	"	0.872	ND	79.4	10-147		4.72	30	
4-Nitrophenol	0.885	0.174	"	0.872	ND	101	10-137		22.8	30	
Acenaphthene	0.720	0.0873	"	0.872	ND	82.6	10-146		1.82	30	
Acenaphthylene	0.644	0.0873	"	0.872	ND	73.8	10-134		4.24	30	
Acetophenone	0.585	0.0873	"	0.872	ND	67.1	10-116		12.5	30	
Aniline	0.441	0.350	"	0.872	ND	50.6	10-123		10.6	30	
Anthracene	0.749	0.0873	"	0.872	ND	85.8	10-142		4.73	30	
Atrazine	0.649	0.0873	"	0.872	ND	74.4	19-115		2.97	30	
Benzaldehyde	0.552	0.0873	"	0.872	ND	63.3	10-125		6.60	30	
Benzo(a)anthracene	0.829	0.0873	"	0.872	ND	95.0	10-158		6.16	30	
Benzo(a)pyrene	0.812	0.0873	"	0.872	ND	93.1	10-180		6.24	30	
Benzo(b)fluoranthene	0.805	0.0873	"	0.872	ND	92.2	10-200		0.696	30	
Benzo(g,h,i)perylene	0.754	0.0873	"	0.872	ND	86.5	10-138		4.61	30	
Benzo(k)fluoranthene	0.768	0.0873	"	0.872	ND	88.1	10-197		0.453	30	
Benzoic acid	0.299	0.0873	"	1.01	ND	29.6	10-166		4.11	30	
Benzyl alcohol	0.509	0.0873	"	0.872	ND	58.3	12-124		12.0	30	
Benzyl butyl phthalate	0.687	0.0873	"	0.872	ND	78.7	10-154		7.34	30	
Bis(2-chloroethoxy)methane	0.534	0.0873	"	0.872	ND	61.2	10-132		15.8	30	
Bis(2-chloroethyl)ether	0.588	0.0873	"	0.872	ND	67.4	10-119		13.2	30	
Bis(2-chloroisopropyl)ether	0.588	0.0873	"	0.872	ND	67.4	10-139		11.9	30	
Bis(2-ethylhexyl)phthalate	0.754	0.0873	"	0.872	0.0495	80.8	10-167		7.74	30	
Caprolactam	0.639	0.174	"	0.872	ND	73.2	10-132		5.53	30	
Carbazole	0.587	0.0873	"	0.872	ND	67.3	10-167		2.70	30	
Chrysene	0.810	0.0873	"	0.872	ND	92.9	10-156		3.59	30	
Dibenzo(a,h)anthracene	0.752	0.0873	"	0.872	ND	86.2	10-137		4.09	30	
Dibenzofuran	0.701	0.0873	"	0.872	ND	80.3	10-147		2.62	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80603 - EPA 3550C											
Matrix Spike Dup (BB80603-MSD1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/15/2018			
Diethyl phthalate	0.645	0.0873	mg/kg dry	0.872	ND	74.0	20-120		2.88	30	
Dimethyl phthalate	0.682	0.0873	"	0.872	ND	78.2	18-131		0.616	30	
Di-n-butyl phthalate	0.661	0.0873	"	0.872	ND	75.8	10-137		3.63	30	
Di-n-octyl phthalate	0.748	0.0873	"	0.872	ND	85.8	10-180		9.25	30	
Diphenylamine	0.749	0.174	"	0.872	ND	85.9	40-140		2.30	30	
Fluoranthene	0.953	0.0873	"	0.872	ND	109	10-160		13.2	30	
Fluorene	0.699	0.0873	"	0.872	ND	80.2	10-157		1.61	30	
Hexachlorobenzene	0.436	0.0873	"	0.872	ND	50.0	10-137		14.4	30	
Hexachlorobutadiene	0.448	0.0873	"	0.872	ND	51.4	10-132		10.1	30	
Hexachlorocyclopentadiene	0.320	0.0873	"	0.872	ND	36.7	10-106		2.58	30	
Hexachloroethane	0.387	0.0873	"	0.872	ND	44.3	10-110		17.0	30	
Indeno(1,2,3-cd)pyrene	0.739	0.0873	"	0.872	ND	84.7	10-144		4.97	30	
Isophorone	0.509	0.0873	"	0.872	ND	58.3	10-132		8.54	30	
Naphthalene	0.627	0.0873	"	0.872	ND	71.9	10-141		2.20	30	
Nitrobenzene	0.539	0.0873	"	0.872	ND	61.8	10-131		2.05	30	
N-Nitrosodimethylamine	0.405	0.0873	"	0.872	ND	46.4	10-126		26.7	30	
N-nitroso-di-n-propylamine	0.551	0.0873	"	0.872	ND	63.2	10-125		9.75	30	
N-Nitrosodiphenylamine	0.751	0.0873	"	0.872	ND	86.1	10-177		9.22	30	
Pentachlorophenol	0.609	0.0873	"	0.872	ND	69.8	10-153		4.70	30	
Phenanthrene	1.01	0.0873	"	0.872	ND	116	10-148		13.1	30	
Phenol	0.650	0.0873	"	0.872	ND	74.5	10-126		13.1	30	
Pyrene	0.971	0.0873	"	0.872	ND	111	10-165		5.77	30	
Pyridine	0.483	0.350	"	0.872	ND	55.4	10-83		6.97	30	
Surrogate: 2-Fluorophenol	*1.62*		"	*2.67*		*60.8*	*20-108*				
Surrogate: Phenol-d5	*1.59*		"	*2.71*		*58.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.16*		"	*1.90*		*61.3*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.18*		"	*1.84*		*64.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.10*		"	*2.71*		*77.7*	*19-110*				
Surrogate: Terphenyl-d14	*1.02*		"	*1.77*		*57.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80603 - EPA 3550C											
Blank (BB80603-BLK1)											Prepared & Analyzed: 02/15/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80716 - EPA 3550C											
Blank (BB80716-BLK1)											Prepared: 02/16/2018 Analyzed: 02/19/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0360*		*"*	*0.0697*		*51.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0429*		*"*	*0.0673*		*63.7*	*30-150*				
LCS (BB80716-BS1)											Prepared: 02/16/2018 Analyzed: 02/19/2018
4,4'-DDD	0.0331	0.000330	mg/kg wet	0.0333		99.4	40-140				
4,4'-DDE	0.0340	0.000330	"	0.0333		102	40-140				
4,4'-DDT	0.0318	0.000330	"	0.0333		95.5	40-140				
Aldrin	0.0383	0.000330	"	0.0333		115	40-140				
alpha-BHC	0.0404	0.000330	"	0.0333		121	40-140				
alpha-Chlordane	0.0353	0.000330	"	0.0333		106	40-140				
beta-BHC	0.0387	0.000330	"	0.0333		116	40-140				
delta-BHC	0.0414	0.000330	"	0.0333		124	40-140				
Dieldrin	0.0370	0.000330	"	0.0333		111	40-140				
Endosulfan I	0.0396	0.000330	"	0.0333		119	40-140				
Endosulfan II	0.0349	0.000330	"	0.0333		105	40-140				
Endosulfan sulfate	0.0338	0.000330	"	0.0333		101	40-140				
Endrin	0.0344	0.000330	"	0.0333		103	40-140				
Endrin aldehyde	0.0337	0.000330	"	0.0333		101	40-140				
Endrin ketone	0.0321	0.000330	"	0.0333		96.3	40-140				
gamma-BHC (Lindane)	0.0386	0.000330	"	0.0333		116	40-140				
gamma-Chlordane	0.0357	0.000330	"	0.0333		107	40-140				
Heptachlor	0.0325	0.000330	"	0.0333		97.5	40-140				
Heptachlor epoxide	0.0348	0.000330	"	0.0333		104	40-140				
Methoxychlor	0.0269	0.00165	"	0.0333		80.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0490*		*"*	*0.0697*		*70.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0636*		*"*	*0.0673*		*94.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80716 - EPA 3550C											
Blank (BB80716-BLK2)											Prepared: 02/16/2018 Analyzed: 02/19/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0467*		*"*	*0.0673*		*69.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0407*		*"*	*0.0697*		*58.4*	*30-140*				
LCS (BB80716-BS2)											Prepared: 02/16/2018 Analyzed: 02/19/2018
Aroclor 1016	0.308	0.0167	mg/kg wet	0.333		92.3	40-130				
Aroclor 1260	0.303	0.0167	"	0.333		91.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0493*		*"*	*0.0673*		*73.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0460*		*"*	*0.0697*		*66.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80672 - EPA 3550B/8151A											
Blank (BB80672-BLK1)											Prepared: 02/16/2018 Analyzed: 02/17/2018
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.712*		*"*	*0.500*		*142*	*30-150*				
LCS (BB80672-BS1)											Prepared: 02/16/2018 Analyzed: 02/17/2018
2,4,5-T	0.167	0.0200	mg/kg wet	0.160		104	40-140				
2,4,5-TP (Silvex)	0.166	0.0200	"	0.160		104	40-140				
2,4-D	0.188	0.0200	"	0.160		118	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.545*		*"*	*0.500*		*109*	*30-150*				
Matrix Spike (BB80672-MS1)	*Source sample: 18B0462-04 (SB107_21-23)										Prepared: 02/16/2018 Analyzed: 02/18/2018
2,4,5-T	0.166	0.0209	mg/kg dry	0.167	ND	99.4	30-150				
2,4,5-TP (Silvex)	0.157	0.0209	"	0.167	ND	94.4	30-150				
2,4-D	0.158	0.0209	"	0.167	ND	95.0	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.587*		*"*	*0.521*		*113*	*30-150*				
Matrix Spike Dup (BB80672-MSD1)	*Source sample: 18B0462-04 (SB107_21-23)										Prepared: 02/16/2018 Analyzed: 02/18/2018
2,4,5-T	0.156	0.0209	mg/kg dry	0.167	ND	93.1	30-150		6.09	35	
2,4,5-TP (Silvex)	0.150	0.0209	"	0.167	ND	89.4	30-150		5.04	35	
2,4-D	0.154	0.0209	"	0.167	ND	91.9	30-150		2.95	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.562*		*"*	*0.523*		*107*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80548 - EPA 3050B											
Blank (BB80548-BLK1)									Prepared: 02/14/2018 Analyzed: 02/17/2018		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	40.0	"								
Iron	ND	10.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	40.0	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	200	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BB80548-DUP1)	*Source sample: 18B0462-04 (SB107_21-23)								Prepared: 02/14/2018 Analyzed: 02/17/2018		
Aluminum	6050	5.23	mg/kg dry		6620				8.86	35	
Antimony	ND	0.523	"		ND					35	
Arsenic	3.45	1.05	"		3.53				2.49	35	
Barium	79.1	1.05	"		74.8				5.56	35	
Beryllium	ND	0.105	"		ND					35	
Cadmium	ND	0.314	"		ND					35	
Calcium	3720	5.23	"		5370				36.5	35	Non-dir.
Chromium	20.6	0.523	"		22.7				9.56	35	
Cobalt	10.7	0.523	"		11.4				5.88	35	
Copper	46.6	41.9	"		46.4				0.377	35	
Iron	14600	10.5	"		15600				7.04	35	
Lead	26.9	0.523	"		55.9				70.1	35	Non-dir.
Magnesium	5140	5.23	"		6580				24.7	35	
Manganese	396	0.523	"		310				24.3	35	
Nickel	42.3	0.523	"		48.2				13.0	35	
Potassium	2660	41.9	"		2910				9.13	35	
Selenium	2.36	1.05	"		2.61				9.93	35	
Silver	ND	0.523	"		ND					35	
Sodium	265	209	"		305				14.0	35	
Thallium	ND	1.05	"		ND					35	
Vanadium	30.7	1.05	"		33.2				7.94	35	
Zinc	38.9	2.62	"		61.4				45.0	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80548 - EPA 3050B											
Matrix Spike (BB80548-MS1)	*Source sample: 18B0462-04 (SB107_21-23)								Prepared: 02/14/2018 Analyzed: 02/17/2018		
Aluminum	7500	5.23	mg/kg dry	209	6620	422	75-125	High Bias			
Antimony	10.1	0.523	"	26.2	ND	38.5	75-125	Low Bias			
Arsenic	216	1.05	"	209	3.53	101	75-125				
Barium	294	1.05	"	209	74.8	105	75-125				
Beryllium	4.74	0.105	"	5.23	ND	90.5	75-125				
Cadmium	5.81	0.314	"	5.23	ND	111	75-125				
Chromium	50.4	0.523	"	20.9	22.7	133	75-125	High Bias			
Cobalt	66.8	0.523	"	52.3	11.4	106	75-125				
Copper	80.7	41.9	"	26.2	46.4	131	75-125	High Bias			
Iron	15700	10.5	"	105	15600	55.3	75-125	Low Bias			
Lead	128	0.523	"	52.3	55.9	138	75-125	High Bias			
Magnesium	5880	5.23	"		6580		75-125				
Manganese	378	0.523	"	52.3	310	129	75-125	High Bias			
Nickel	100	0.523	"	52.3	48.2	99.1	75-125				
Potassium	2810	41.9	"		2910		75-125				
Selenium	215	1.05	"	209	2.61	101	75-125				
Silver	ND	0.523	"	5.23	ND		75-125	Low Bias			
Sodium	518	209	"		305		75-125				
Thallium	193	1.05	"	209	ND	92.4	75-125				
Vanadium	82.1	1.05	"	52.3	33.2	93.5	75-125				
Zinc	98.8	2.62	"	52.3	61.4	71.4	75-125	Low Bias			
Reference (BB80548-SRM1)									Prepared: 02/14/2018 Analyzed: 02/17/2018		
Aluminum	7300	5.00	mg/kg wet	8090		90.2	49.8-149.6				
Antimony	112	0.500	"	99.3		113	0.5-207.5				
Arsenic	104	1.00	"	100		104	80.9-120				
Barium	226	1.00	"	217		104	81.6-118.4				
Beryllium	153	0.100	"	147		104	81.6-119.1				
Cadmium	91.6	0.300	"	83.7		109	81.2-118.9				
Calcium	5950	5.00	"	6010		99.0	80.9-119				
Chromium	116	0.500	"	107		108	77.5-121.5				
Cobalt	142	0.500	"	123		116	82.1-117.9				
Copper	204	40.0	"	166		123	80.7-118.7	High Bias			
Iron	12100	10.0	"	14600		82.8	45.1-154.8				
Lead	93.2	0.500	"	88.4		105	81.2-118.8				
Magnesium	2970	5.00	"	2930		101	74.7-125.3				
Manganese	322	0.500	"	311		104	80.1-119.9				
Nickel	64.1	0.500	"	49.8		129	80.9-118.9	High Bias			
Potassium	2890	40.0	"	2620		110	69.1-130.9				
Selenium	96.5	1.00	"	87.7		110	76.1-124.3				
Silver	43.2	0.500	"	41.4		104	73.7-126.1				
Sodium	ND	200	"	252			69.1-131.4	Low Bias			
Thallium	55.3	1.00	"	58.1		95.2	77.6-122.6				
Vanadium	138	1.00	"	140		98.5	76.4-122.9				
Zinc	148	2.50	"	145		102	82.1-117.9				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80615 - EPA 7473 soil											
Blank (BB80615-BLK1)								Prepared & Analyzed: 02/15/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB80615-DUP1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/15/2018			
Mercury	ND	0.0314	mg/kg dry		ND					35	
Matrix Spike (BB80615-MS1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/15/2018			
Mercury	0.426		mg/kg	0.500	0.0216	80.9	75-125				
Reference (BB80615-SRM1)								Prepared & Analyzed: 02/15/2018			
Mercury	12.614		mg/kg	13.8		91.4	57.1-143.5				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80775 - % Solids Prep											
Duplicate (BB80775-DUP1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/19/2018			
% Solids	94.4	0.100	%		95.5				1.16	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80711 - EPA SW846-3060											
Blank (BB80711-BLK1)								Prepared & Analyzed: 02/16/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BB80711-DUP1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/16/2018			
Chromium, Hexavalent	ND	0.523	mg/kg dry		ND					35	
Matrix Spike (BB80711-MS1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/16/2018			
Chromium, Hexavalent	21.0	0.523	mg/kg dry	20.9	ND	100	75-125				
Reference (BB80711-SRM1)								Prepared & Analyzed: 02/16/2018			
Chromium, Hexavalent	117		mg/L	207		56.5	40.5-101.9				
Batch BB80774 - Analysis Preparation Soil											
Blank (BB80774-BLK1)								Prepared & Analyzed: 02/19/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BB80774-DUP1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/19/2018			
Cyanide, total	ND	0.523	mg/kg dry		ND					15	
Matrix Spike (BB80774-MS1)	*Source sample: 18B0462-04 (SB107_21-23)							Prepared & Analyzed: 02/19/2018			
Cyanide, total	8.84	0.523	mg/kg dry	10.5	ND	84.4	79.6-107				
Reference (BB80774-SRM1)								Prepared & Analyzed: 02/19/2018			
Cyanide, total	46.9		ug/mL	62.8		74.7	6.37-86				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0462-01	SB107_1-2	40mL Vial with Stir Bar-Cool 4° C
18B0462-03	SB107_15-16	40mL Vial with Stir Bar-Cool 4° C
18B0462-04	SB107_21-23	40mL Vial with Stir Bar-Cool 4° C
18B0462-05	SB107_26-28	40mL Vial with Stir Bar-Cool 4° C
18B0462-06	DUP05_021318	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES INC
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B0467

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELIOL
E-Mail Address: KDELIOL@LANGAN.COM

Report To:

Company: //
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company: //
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB107_1-2	02/13/18 0905	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	
SB107_13-14	02/13/18 0940	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	
SB107_15-16	02/13/18 0950	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+} - HOLD	
SB107_21-23	02/13/18 1020	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	
SB107_26-28	02/13/18 1045	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	
DUP05_021318	02/13/18 1234	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	
EBMS05_021318	02/13/18 1020	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	SB107_21-23' parent
EBMSD05_021318	02/13/18 1020	S	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}	SB107_21-23' parent
SB107_7-8	02/13/18 0925	S	TAL Metals, Cr^{6+}, Cr^{3+}	1x 8oz
SB107_11-12	02/13/18 0930	S	TAL Metals, Cr^{6+}, Cr^{3+}	1x 8oz

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl ___ MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 02/13/18 1525
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 2/13/18 1525
Samples Received in LAB by — Date/Time: 2/13/18 1911

Temperature on Receipt 1.9 °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B0462

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL
NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: "
Address:
Phone No.
Attention:
E-Mail Address: SKNOOP@LANGAN.COM

Invoice To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB107_14-15	02/13/18 0945	S	TAL Metals, Cr^{6+}, Cr^{3+}	1 x 8oz

Comments

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time 02/13/18 1525	Samples Received By	Date/Time 2/13/18 1525
Samples Relinquished By	Date/Time	Samples Received in LAB by TC Yalch	Date/Time 2/13/18 1911

Temperature on Receipt 1.9 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/21/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0463

Report Date: 02/21/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0463

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 13, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0463-01	AA114_021318	Outdoor Ambient Ai	02/13/2018	02/13/2018
18B0463-02	IA114_021318	Indoor Ambient Air	02/13/2018	02/13/2018
18B0463-03	SVP114_021318	Soil Vapor	02/13/2018	02/13/2018

General Notes for York Project (SDG) No.: 18B0463

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/21/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: AA114_021318 **York Sample ID:** 18B0463-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Outdoor Ambient Air	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.53**		ug/m³	0.41	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**0.063**		ug/m³	0.053	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.58**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**0.29**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.3**		ug/m³	0.16	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA114_021318 **York Sample ID:** 18B0463-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Outdoor Ambient Air	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**4.0**		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.1**		ug/m³	0.17	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**0.18**		ug/m³	0.17	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.44**		ug/m³	0.084	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**0.29**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.72**		ug/m³	0.11	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.32**		ug/m³	0.053	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.37**		ug/m³	0.18	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.3**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.1**		ug/m³	0.38	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:			

Sample Information

Client Sample ID: AA114_021318 **York Sample ID:** 18B0463-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Outdoor Ambient Air	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**0.76**		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**0.72**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**3.5**		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**1.8**		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**0.88**		ug/m³	0.19	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**0.72**		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**2.3**		ug/m³	0.46	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**0.66**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:			
115-07-1	*** Propylene**	**0.77**		ug/m³	0.092	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:			
100-42-5	**Styrene**	**0.23**		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**1.2**		ug/m³	0.090	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:			
108-88-3	**Toluene**	**5.1**		ug/m³	0.20	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**0.17**		ug/m³	0.072	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.93**		ug/m³	0.30	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: AA114_021318 **York Sample ID:** 18B0463-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Outdoor Ambient Air	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	02/15/2018 04:47	02/15/2018 04:47	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*115 %*	*70-130*

Sample Information

Client Sample ID: IA114_021318 **York Sample ID:** 18B0463-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Indoor Ambient Air	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**1.4**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**0.52**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.2**		ug/m³	0.16	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:			

Sample Information

Client Sample ID: IA114_021318 **York Sample ID:** 18B0463-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Indoor Ambient Air	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**5.4**		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.4**		ug/m³	0.17	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.084	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**9.1**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.72**		ug/m³	0.11	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.37**		ug/m³	0.18	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.3**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**0.85**		ug/m³	0.38	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.0**		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA114_021318 **York Sample ID:** 18B0463-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Indoor Ambient Air	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**2.9**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**5.7**		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.90**		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.2**		ug/m³	0.19	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.3**		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**4.0**		ug/m³	0.46	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.4**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:			
115-07-1	*** Propylene**	**1.3**		ug/m³	0.092	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**0.98**		ug/m³	0.090	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:			
108-88-3	**Toluene**	**4.4**		ug/m³	0.20	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.072	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.84**		ug/m³	0.30	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	02/15/2018 05:57	02/15/2018 05:57	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA114_021318 **York Sample ID:** 18B0463-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Indoor Ambient Air	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*125 %*		*70-130*						

Sample Information

Client Sample ID: SVP114_021318 **York Sample ID:** 18B0463-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Soil Vapor	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**21**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**5.7**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**8.1**		ug/m³	0.16	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**11**		ug/m³	0.44	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP114_021318 **York Sample ID:** 18B0463-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Soil Vapor	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**5.2**		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.9**		ug/m³	0.17	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**0.58**		ug/m³	0.17	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.23**		ug/m³	0.084	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**0.99**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.11	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.50**		ug/m³	0.18	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**0.95**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.38	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**9.5**		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP114_021318 **York Sample ID:** 18B0463-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Soil Vapor	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**0.46**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.65**		ug/m³	0.37	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**2.9**		ug/m³	0.22	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.96**		ug/m³	0.19	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**15**		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**44**		ug/m³	0.46	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**18**		ug/m³	0.26	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:			
115-07-1	*** Propylene**	**0.35**		ug/m³	0.092	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:			
100-42-5	**Styrene**	**5.4**		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**4.8**		ug/m³	0.090	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**2.3**		ug/m³	0.31	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:			
108-88-3	**Toluene**	**6.9**		ug/m³	0.20	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.072	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.54**		ug/m³	0.30	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	02/15/2018 21:32	02/15/2018 21:32	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP114_021318 **York Sample ID:** 18B0463-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0463	170384501	Soil Vapor	February 13, 2018 3:00 pm	02/13/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*		*70-130*						

Analytical Batch Summary

Batch ID: BB80803 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0463-01	AA114_021318	02/15/18
18B0463-02	IA114_021318	02/15/18
BB80803-BLK1	Blank	02/14/18
BB80803-BS1	LCS	02/14/18

Batch ID: BB80808 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0463-03	SVP114_021318	02/15/18
BB80808-BLK1	Blank	02/15/18
BB80808-BS1	LCS	02/15/18

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80803 - EPA TO15 PREP											
Blank (BB80803-BLK1)											Prepared & Analyzed: 02/14/2018
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80803 - EPA TO15 PREP											
Blank (BB80803-BLK1)											Prepared & Analyzed: 02/14/2018
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*9.02*		*ppbv*	*10.0*		*90.2*	*70-130*				
LCS (BB80803-BS1)											Prepared & Analyzed: 02/14/2018
1,1,1,2-Tetrachloroethane	10.8		ppbv	10.0		108	70-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	10.7		"	10.0		107	70-130				
1,1-Dichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethylene	10.2		"	10.0		102	70-130				
1,2,4-Trichlorobenzene	12.8		"	10.0		128	70-130				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,2-Dibromoethane	10.7		"	10.0		107	70-130				
1,2-Dichlorobenzene	11.0		"	10.0		110	70-130				
1,2-Dichloroethane	9.68		"	10.0		96.8	70-130				
1,2-Dichloropropane	11.1		"	10.0		111	70-130				
1,2-Dichlorotetrafluoroethane	11.4		"	10.0		114	70-130				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70-130				
1,3-Butadiene	11.3		"	10.0		113	70-130				
1,3-Dichlorobenzene	11.2		"	10.0		112	70-130				
1,3-Dichloropropane	10.6		"	10.0		106	70-130				
1,4-Dichlorobenzene	11.5		"	10.0		115	70-130				
1,4-Dioxane	10.6		"	10.0		106	70-130				
2-Butanone	8.67		"	10.0		86.7	70-130				
2-Hexanone	10.3		"	10.0		103	70-130				
3-Chloropropene	11.5		"	10.0		115	70-130				
4-Methyl-2-pentanone	9.38		"	10.0		93.8	70-130				
Acetone	7.88		"	10.0		78.8	70-130				
Acrylonitrile	9.85		"	10.0		98.5	70-130				
Benzene	10.3		"	10.0		103	70-130				
Benzyl chloride	9.35		"	10.0		93.5	70-130				
Bromodichloromethane	10.6		"	10.0		106	70-130				
Bromoform	11.6		"	10.0		116	70-130				
Bromomethane	11.1		"	10.0		111	70-130				
Carbon disulfide	10.7		"	10.0		107	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80803 - EPA TO15 PREP											
LCS (BB80803-BS1)								Prepared & Analyzed: 02/14/2018			
Carbon tetrachloride	10.3		ppbv	10.0		103	70-130				
Chlorobenzene	10.5		"	10.0		105	70-130				
Chloroethane	11.4		"	10.0		114	70-130				
Chloroform	10.3		"	10.0		103	70-130				
Chloromethane	10.3		"	10.0		103	70-130				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	70-130				
cis-1,3-Dichloropropylene	11.7		"	10.0		117	70-130				
Cyclohexane	11.4		"	10.0		114	70-130				
Dibromochloromethane	11.7		"	10.0		117	70-130				
Dichlorodifluoromethane	10.4		"	10.0		104	70-130				
Ethyl acetate	9.70		"	10.0		97.0	70-130				
Ethyl Benzene	10.5		"	10.0		105	70-130				
Hexachlorobutadiene	9.92		"	10.0		99.2	70-130				
Isopropanol	8.75		"	10.0		87.5	70-130				
Methyl Methacrylate	11.2		"	10.0		112	70-130				
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	70-130				
Methylene chloride	9.44		"	10.0		94.4	70-130				
n-Heptane	11.2		"	10.0		112	70-130				
n-Hexane	11.3		"	10.0		113	70-130				
o-Xylene	11.1		"	10.0		111	70-130				
p- & m- Xylenes	20.8		"	20.0		104	70-130				
p-Ethyltoluene	11.8		"	10.0		118	70-130				
Propylene	10.7		"	10.0		107	70-130				
Styrene	11.4		"	10.0		114	70-130				
Tetrachloroethylene	9.20		"	10.0		92.0	70-130				
Tetrahydrofuran	9.52		"	10.0		95.2	70-130				
Toluene	10.8		"	10.0		108	70-130				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	70-130				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	70-130				
Trichloroethylene	10.6		"	10.0		106	70-130				
Trichlorofluoromethane (Freon 11)	10.2		"	10.0		102	70-130				
Vinyl acetate	12.2		"	10.0		122	70-130				
Vinyl bromide	11.4		"	10.0		114	70-130				
Vinyl Chloride	11.0		"	10.0		110	70-130				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*70-130*				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80808 - EPA TO15 PREP											
Blank (BB80808-BLK1)											
Prepared & Analyzed: 02/15/2018											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80808 - EPA TO15 PREP											
Blank (BB80808-BLK1)								Prepared & Analyzed: 02/15/2018			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*9.07*		*ppbv*	*10.0*		*90.7*	*70-130*				
LCS (BB80808-BS1)								Prepared & Analyzed: 02/15/2018			
1,1,1,2-Tetrachloroethane	11.6		ppbv	10.0		116	70-130				
1,1,1-Trichloroethane	10.8		"	10.0		108	70-130				
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130				
1,1,2-Trichloroethane	11.0		"	10.0		110	70-130				
1,1-Dichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethylene	10.5		"	10.0		105	70-130				
1,2,4-Trichlorobenzene	13.4		"	10.0		134	70-130	High Bias			
1,2,4-Trimethylbenzene	12.0		"	10.0		120	70-130				
1,2-Dibromoethane	11.0		"	10.0		110	70-130				
1,2-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,2-Dichloroethane	10.2		"	10.0		102	70-130				
1,2-Dichloropropane	11.3		"	10.0		113	70-130				
1,2-Dichlorotetrafluoroethane	11.9		"	10.0		119	70-130				
1,3,5-Trimethylbenzene	11.6		"	10.0		116	70-130				
1,3-Butadiene	11.3		"	10.0		113	70-130				
1,3-Dichlorobenzene	11.8		"	10.0		118	70-130				
1,3-Dichloropropane	11.0		"	10.0		110	70-130				
1,4-Dichlorobenzene	12.2		"	10.0		122	70-130				
1,4-Dioxane	10.8		"	10.0		108	70-130				
2-Butanone	9.00		"	10.0		90.0	70-130				
2-Hexanone	10.6		"	10.0		106	70-130				
3-Chloropropene	11.8		"	10.0		118	70-130				
4-Methyl-2-pentanone	9.50		"	10.0		95.0	70-130				
Acetone	8.16		"	10.0		81.6	70-130				
Acrylonitrile	10.3		"	10.0		103	70-130				
Benzene	10.8		"	10.0		108	70-130				
Benzyl chloride	10.1		"	10.0		101	70-130				
Bromodichloromethane	11.1		"	10.0		111	70-130				
Bromoform	12.3		"	10.0		123	70-130				
Bromomethane	11.3		"	10.0		113	70-130				
Carbon disulfide	11.0		"	10.0		110	70-130				
Carbon tetrachloride	10.8		"	10.0		108	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80808 - EPA TO15 PREP											
LCS (BB80808-BS1)								Prepared & Analyzed: 02/15/2018			
Chlorobenzene	11.2		ppbv	10.0		112	70-130				
Chloroethane	11.7		"	10.0		117	70-130				
Chloroform	10.7		"	10.0		107	70-130				
Chloromethane	10.4		"	10.0		104	70-130				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	12.0		"	10.0		120	70-130				
Cyclohexane	11.7		"	10.0		117	70-130				
Dibromochloromethane	12.0		"	10.0		120	70-130				
Dichlorodifluoromethane	10.8		"	10.0		108	70-130				
Ethyl acetate	10.0		"	10.0		100	70-130				
Ethyl Benzene	11.2		"	10.0		112	70-130				
Hexachlorobutadiene	10.5		"	10.0		105	70-130				
Isopropanol	8.83		"	10.0		88.3	70-130				
Methyl Methacrylate	11.5		"	10.0		115	70-130				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	70-130				
Methylene chloride	9.72		"	10.0		97.2	70-130				
n-Heptane	11.4		"	10.0		114	70-130				
n-Hexane	11.5		"	10.0		115	70-130				
o-Xylene	11.8		"	10.0		118	70-130				
p- & m- Xylenes	22.2		"	20.0		111	70-130				
p-Ethyltoluene	12.5		"	10.0		125	70-130				
Propylene	10.9		"	10.0		109	70-130				
Styrene	12.0		"	10.0		120	70-130				
Tetrachloroethylene	9.39		"	10.0		93.9	70-130				
Tetrahydrofuran	9.77		"	10.0		97.7	70-130				
Toluene	11.2		"	10.0		112	70-130				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	70-130				
trans-1,3-Dichloropropylene	12.0		"	10.0		120	70-130				
Trichloroethylene	11.1		"	10.0		111	70-130				
Trichlorofluoromethane (Freon 11)	10.7		"	10.0		107	70-130				
Vinyl acetate	12.7		"	10.0		127	70-130				
Vinyl bromide	11.8		"	10.0		118	70-130				
Vinyl Chloride	11.3		"	10.0		113	70-130				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 18B0463

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL. NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KIM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address: SKNOPP@LANGAN.COM

Invoice To:

Company: 11
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170884501

Purchase Order No.

Samples from: CT___ NY X NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type/Deliverables

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- NY ASP A Package X
- NY ASP B/CLP Pkg
- NJDEP Reduced

Electronic Deliverables:

- EDD (Specify Type)
- Standard Excel
- Regulatory Comparison Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

Additional Notes:

Please enter the following Field Data

Detection Limits Required

- ≤ 1 ug/m³
- NYSDEC VI Limits (VI =vapor instrusion)
- NJDEP low level
- Routine Survey
- Other

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
AA114-021318	02/13/18	AO	-30.61	-4.85	23200	Y36	TO-15 VOCs	6 Liter canister X / Tedlar Bag
IA114-021318	02/13/18	AI	-30.19	-6.03	18303	Y22	TO-15 VOCs	6 Liter canister X / Tedlar Bag
SVP114-021318	02/13/18	AS	-29.24	-4.44	20754	Y23	TO-15 VOCs	6 Liter canister X / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag
								6 Liter canister / Tedlar Bag

Comments

Samples Relinquished By	02/13/18 1525	Samples Received By	2/13/18 1525
Samples Relinquished By	2/13/18 1700	Samples Received in LAB by	2-13-18 1700

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 04/05/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0626

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/05/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0626

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 15, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0626-01	GWFB02_021518	Water	02/15/2018	02/15/2018
18B0626-02	GWTB02_021518	Water	02/15/2018	02/15/2018
18B0626-03	MW101A_021518	Water	02/15/2018	02/15/2018
18B0626-04	MW118_021518	Water	02/15/2018	02/15/2018
18B0626-05	MW117_021518	Water	02/15/2018	02/15/2018
18B0626-06	GWDUP01_021518	Water	02/15/2018	02/15/2018

General Notes for York Project (SDG) No.: 18B0626

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 04/05/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**2.81**	ICV-E, SCAL-E	ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.340**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.43**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.300**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:20	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*21.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*12.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.3 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.4 %*	*39.9-105*

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*61.9 %*			*39.3-151*						
1718-51-0	*Surrogate: Terphenyl-d14*	*49.2 %*			*30.7-106*						

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.0462**		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:27	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:04	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0242	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00242	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:19	SA
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*61.9 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*102 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:23	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (.*	*103 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0117**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.284**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.0144**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.0776**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2.17**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0296**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.0448**		mg/L	0.0222	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.00793**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.0699**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**2.93**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/19/2018 09:43	02/21/2018 18:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	02/20/2018 12:38	02/20/2018 18:14	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	02/20/2018 09:22	02/20/2018 11:08	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/16/2018 12:18	02/16/2018 12:18	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/21/2018 12:50	02/22/2018 12:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analyzed by: Con-Test Analytical Laboratory

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB)

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: GWFB02_021518 **York Sample ID:** 18B0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Analyzed by: Con-Test Analytical Laboratory

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.22	1	SW846-8270D Certifications:	02/20/2018 00:00	02/22/2018 00:00	

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
	NMeFOSAA	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
	NEtFOSAA	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca

Sample Information

Client Sample ID: GWTB02_021518 **York Sample ID:** 18B0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB02_021518 **York Sample ID:** 18B0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB02_021518 **York Sample ID:** 18B0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.740**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB02_021518 **York Sample ID:** 18B0626-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 3:00 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 19:51	SS
							Certifications:			

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**13.5**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.29**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.300**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**6.29**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**propene isomer**	**1.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 20:23	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*17.5 %*	S-08	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*10.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.2 %*		*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.7 %*		*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.3 %*		*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*38.9 %*		*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 16:58	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 17:53	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/L	0.0242	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00242	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00485	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.121	1	EPA 8081B	02/19/2018 07:58	02/20/2018 20:51	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0606	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:35	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.9 %*	*30-120*

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*119 %*			*30-120*					

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:36	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:36	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:36	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*130 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.819**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0735**		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**30.8**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.0191**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0273**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**3.64**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0194**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**10.0**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.220**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.00967**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**8.91**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0316**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0394**		mg/L	0.0111	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**25.1**		mg/L	0.0556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7.95**		mg/L	0.0556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0620**		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**5.34**		mg/L	0.0556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**80.0**		mg/L	0.111	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	04/02/2018 10:33	04/02/2018 12:56	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00199**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00244**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00158**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00121**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	02/20/2018 12:38	02/20/2018 17:33	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	02/20/2018 09:22	02/20/2018 10:32	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW101A_021518 **York Sample ID:** 18B0626-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 9:15 am	02/15/2018

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	mg/L	0.0100	1	EPA 7196A	02/16/2018 12:18	02/16/2018 12:18	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.0191**		mg/L	0.0100	1	Calculation	02/21/2018 12:50	02/22/2018 12:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **MW118_021518** **York Sample ID:** **18B0626-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**8.27**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**7.13**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.280**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.320**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**4.03**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**0.480**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**7.31**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.680**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.630**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.890**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**1.98**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**16.5**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**24.5**		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.360**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.14**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.230**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**14.3**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**16.0**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**41.0**		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TIC1000	**(methyl propenyl) benzene isomer**	**2.1**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**dihydro methyl indene isomers**	**3.3**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**Ethyl Dimethyl Benzene isomers**	**6.0**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**Methyl (methylethyl) benzene isomer**	**1.1**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**methyl propyl benzene isomer**	**1.6**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**propenyl benzene isomer**	**9.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**Tetramethyl Benzene isomer**	**1.6**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**Trimethyl Benzene isomer**	**10**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			
NA	**trimethyl Pentane isomer**	**1.1**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 22:29	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*20.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*12.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.6 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.6 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*68.1 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.4 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0385**		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 17:29	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 20:20	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0250	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00250	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0125	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00500	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.125	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:06	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.4 %*	*30-150*

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0625	1	EPA 8082A	02/19/2018 07:58	02/21/2018 10:51	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 12:49	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*118 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.478**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**0.210**		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**118**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0181**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**1.06**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0196**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**44.0**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.263**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**12.7**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0244**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.174**		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**106**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00685**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0718**		mg/L	0.0222	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0111**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**39.1**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.143**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**10.1**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00344**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:29	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.00282**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:46	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	02/20/2018 12:38	02/20/2018 18:22	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	02/20/2018 09:22	02/20/2018 11:16	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/16/2018 12:18	02/16/2018 12:18	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/21/2018 12:50	02/22/2018 12:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.22	1	SW846-8270D	02/20/2018 00:00	02/22/2018 00:00	
							Certifications:			

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
	NMeFOSAA	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			
	NEtFOSAA	See attached		ng/L	See attach	1	EPA 537m	03/01/2018 00:00	03/01/2018 00:00	TA Ca
							Certifications:			

Sample Information

Client Sample ID: MW118_021518 **York Sample ID:** 18B0626-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 1:00 pm	02/15/2018

Analyzed by: TestAmerica West Sacramento

PFAS in Water by EPA 537 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	EPA 537m Certifications:	03/01/2018 00:00	03/01/2018 00:00	TA Ca

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**15.2**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**7.56**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.490**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	**2-Hexanone**	**0.420**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.57**	SCAL-E, ICV-E	ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.230**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**2.33**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**0.260**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**2.67**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.970**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.330**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.800**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**3.86**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.440**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**7.20**		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.310**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.26**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.210**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**14.6**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**7.64**		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.9 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dihydro methyl indene isomer**	**1.2**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Ethenyl dimethyl benzene isomer**	**3.2**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Ethyl Dimethyl Benzene isomer**	**1.9**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**11**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Methyl (methylethyl) benzene isomer**	**3.0**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**methyl Octane isomer**	**1.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**methyl propyl benzene isomer**	**1.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**propene isomer**	**1.3**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**propenyl benzene isomer**	**8.1**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			
NA	**Tetramethyl Benzene isomer**	**1.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:01	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:10	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*23.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*12.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.5 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.1 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*72.4 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*45.3 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:01	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:01	SR
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:01	SR
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:01	SR
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:01	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:01	SR
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:01	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:01	SR
91-20-3	**Naphthalene**	**0.369**		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:01	SR
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:01	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:01	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2018 08:37	02/20/2018 18:01	SR
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:01	SR
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2018 08:37	02/20/2018 18:01	SR

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Ethyl Methyl Benzene isomer**	**5.38**	N	ug/L			1	EPA 8270D Certifications:	02/20/2018 08:37	02/20/2018 21:10	KH
NA	**Methyl (methylethyl) benzene isomer**	**4.62**	N	ug/L			1	EPA 8270D Certifications:	02/20/2018 08:37	02/20/2018 21:10	KH
NA	**Trimethyl Benzene isomer**	**18.5**	N	ug/L			1	EPA 8270D Certifications:	02/20/2018 08:37	02/20/2018 21:10	KH

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0258	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00258	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:21	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:08	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.4 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*111 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:02	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:02	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:02	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*113 %*			*30-150*					

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.20**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.261**		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**121**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0127**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0228**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**3.49**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0232**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**47.5**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.861**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0213**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**14.7**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0377**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	**Barium**	**0.210**		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**110**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00654**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.142**		mg/L	0.0222	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.00855**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**43.0**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.601**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.00944**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**12.5**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00141**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00294**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00283**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	02/20/2018 12:38	02/20/2018 18:33	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	02/20/2018 09:22	02/20/2018 11:27	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/16/2018 12:18	02/16/2018 12:18	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW117_021518 **York Sample ID:** 18B0626-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 2:45 pm	02/15/2018

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.0127**		mg/L	0.0100	1	Calculation	02/21/2018 12:50	02/22/2018 12:09	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**16.0**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**8.04**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.340**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	**2-Hexanone**	**0.460**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.45**	SCAL-E, ICV-E	ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.230**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**2.40**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**0.270**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**2.80**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**1.04**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.390**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.900**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**4.12**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.450**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**7.50**		ug/L	0.500	1.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.370**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.01**		ug/L	0.500	2.00	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.220**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**14.9**		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**7.95**		ug/L	0.600	1.50	1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.4 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dihydro methyl indene isomer**	**2.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Ethenyl dimethyl benzene isomer**	**3.2**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**ethenyl methyl benzene isomer**	**8.8**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Ethyl Dimethyl Benzene isomers**	**5.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Ethyl Methyl Benzene isomer**	**11**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Methyl Indan isomer**	**1.4**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**methyl propyl benzene isomer**	**1.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**propene isomer**	**1.3**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**Tetramethyl Benzene isomer**	**1.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			
NA	**trimethyl Pentane isomer**	**1.5**	N	ug/L		1	EPA 8260C	02/20/2018 07:30	02/20/2018 23:32	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*23.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*13.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.0 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.1 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*74.9 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*48.0 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.77**		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.392**		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/20/2018 08:37	02/20/2018 18:32	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Ethyl Methyl Benzene isomer**	**5.38**	N	ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:			
NA	**Methyl (methylethyl) benzene isomer**	**5.38**	N	ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:			
NA	**Trimethyl Benzene isomer**	**19.2**	N	ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:			
NA	**unknown carboxylic acid**	**3.85**	N	ug/L			1	EPA 8270D	02/20/2018 08:37	02/20/2018 21:58	KH
								Certifications:			

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0258	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00258	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00516	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.129	1	EPA 8081B	02/19/2018 07:58	02/20/2018 21:36	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0645	1	EPA 8082A	02/19/2018 07:58	02/21/2018 11:24	SA
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.8 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*130 %*	GC-Surr	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:14	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:14	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/21/2018 04:05	02/21/2018 13:14	LAB
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*129 %*		*30-150*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.30**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.261**		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**121**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.0127**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0213**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**3.62**		mg/L	0.0222	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0206**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**46.9**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.879**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0189**		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**14.7**		mg/L	0.0556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0305**		mg/L	0.0167	1	EPA 6010C	02/20/2018 09:16	02/21/2018 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.175**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.213**		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**109**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.208**		mg/L	0.0222	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.00964**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**43.1**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.614**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.00714**		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**12.9**		mg/L	0.0556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/19/2018 09:43	02/21/2018 19:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00123**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	**Selenium**	**0.00219**		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/20/2018 09:20	02/21/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00272**		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/19/2018 09:37	02/21/2018 14:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	02/20/2018 12:38	02/20/2018 19:40	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	02/20/2018 09:22	02/20/2018 12:36	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/16/2018 12:18	02/16/2018 12:18	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: GWDUP01_021518 **York Sample ID:** 18B0626-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0626	170384501	Water	February 15, 2018 12:34 pm	02/15/2018

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**0.0127**		mg/L	0.0100	1	Calculation	02/21/2018 12:50	02/22/2018 12:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/21/2018 09:42	02/21/2018 17:49	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: 2/22/2018 **Preparation Method:** EPA 3535A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-04	MW118_021518	02/20/18

Batch ID: 3/1/2018 **Preparation Method:** Analysis Preparation **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	03/01/18
18B0626-04	MW118_021518	03/01/18

Batch ID: BB80710 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/16/18
18B0626-03	MW101A_021518	02/16/18
18B0626-04	MW118_021518	02/16/18
18B0626-05	MW117_021518	02/16/18
18B0626-06	GWDUP01_021518	02/16/18
BB80710-BLK1	Blank	02/16/18
BB80710-BS1	LCS	02/16/18
BB80710-DUP1	Duplicate	02/16/18
BB80710-MS1	Matrix Spike	02/16/18

Batch ID: BB80757 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/19/18
18B0626-01	GWFB02_021518	02/19/18
18B0626-03	MW101A_021518	02/19/18
18B0626-03	MW101A_021518	02/19/18
18B0626-04	MW118_021518	02/19/18
18B0626-04	MW118_021518	02/19/18
18B0626-05	MW117_021518	02/19/18
18B0626-05	MW117_021518	02/19/18
18B0626-06	GWDUP01_021518	02/19/18
18B0626-06	GWDUP01_021518	02/19/18
BB80757-BLK1	Blank	02/19/18
BB80757-BLK2	Blank	02/19/18
BB80757-BS1	LCS	02/19/18
BB80757-BS2	LCS	02/19/18
BB80757-BSD2	LCS Dup	02/19/18
BB80757-MS1	Matrix Spike	02/19/18
BB80757-MSD1	Matrix Spike Dup	02/19/18

Batch ID: BB80767 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/19/18
18B0626-03	MW101A_021518	02/19/18
18B0626-04	MW118_021518	02/19/18
18B0626-05	MW117_021518	02/19/18
18B0626-06	GWDUP01_021518	02/19/18
BB80767-BLK1	Blank	02/19/18
BB80767-BS1	LCS	02/19/18
BB80767-DUP1	Duplicate	02/19/18
BB80767-MS1	Matrix Spike	02/19/18

Batch ID: BB80768 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/19/18
18B0626-04	MW118_021518	02/19/18
18B0626-05	MW117_021518	02/19/18
18B0626-06	GWDUP01_021518	02/19/18
BB80768-BLK1	Blank	02/19/18
BB80768-DUP1	Duplicate	02/19/18
BB80768-MS1	Matrix Spike	02/19/18
BB80768-SRM1	Reference	02/19/18

Batch ID: BB80824 **Preparation Method:** EPA 3510C **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-01	GWFB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80824-BLK1	Blank	02/20/18
BB80824-BLK1	Blank	02/20/18
BB80824-BLK2	Blank	02/20/18
BB80824-BS1	LCS	02/20/18
BB80824-BS2	LCS	02/20/18
BB80824-MS1	Matrix Spike	02/20/18
BB80824-MSD1	Matrix Spike Dup	02/20/18

Batch ID: BB80835 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18

18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80835-BLK1	Blank	02/20/18
BB80835-DUP1	Duplicate	02/20/18
BB80835-MS1	Matrix Spike	02/20/18
BB80835-SRM1	Reference	02/20/18

Batch ID: BB80836 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80836-BLK1	Blank	02/20/18
BB80836-BS1	LCS	02/20/18
BB80836-DUP1	Duplicate	02/20/18
BB80836-MS1	Matrix Spike	02/20/18

Batch ID: BB80837 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80837-BLK1	Blank	02/20/18
BB80837-DUP1	Duplicate	02/20/18
BB80837-MS1	Matrix Spike	02/20/18
BB80837-SRM1	Reference	02/20/18

Batch ID: BB80862 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80862-BLK1	Blank	02/20/18
BB80862-DUP1	Duplicate	02/20/18
BB80862-MS1	Matrix Spike	02/20/18
BB80862-SRM1	Reference	02/20/18

Batch ID: BB80868 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/20/18
18B0626-02	GWTB02_021518	02/20/18
18B0626-03	MW101A_021518	02/20/18
18B0626-04	MW118_021518	02/20/18
18B0626-05	MW117_021518	02/20/18
18B0626-06	GWDUP01_021518	02/20/18
BB80868-BLK1	Blank	02/20/18
BB80868-BS1	LCS	02/20/18
BB80868-BSD1	LCS Dup	02/20/18
BB80868-MS1	Matrix Spike	02/20/18
BB80868-MSD1	Matrix Spike Dup	02/20/18

Batch ID: BB80901 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/21/18
18B0626-03	MW101A_021518	02/21/18
18B0626-04	MW118_021518	02/21/18
18B0626-05	MW117_021518	02/21/18
18B0626-06	GWDUP01_021518	02/21/18
BB80901-BLK1	Blank	02/21/18
BB80901-BS1	LCS	02/21/18
BB80901-MS1	Matrix Spike	02/21/18
BB80901-MSD1	Matrix Spike Dup	02/21/18

Batch ID: BB80924 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/21/18
18B0626-03	MW101A_021518	02/21/18
18B0626-04	MW118_021518	02/21/18
18B0626-05	MW117_021518	02/21/18
18B0626-06	GWDUP01_021518	02/21/18
BB80924-BLK1	Blank	02/21/18
BB80924-BS1	LCS	02/21/18
BB80924-DUP1	Duplicate	02/21/18
BB80924-MS1	Matrix Spike	02/21/18

Batch ID: BB80940 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-01	GWFB02_021518	02/21/18
18B0626-03	MW101A_021518	02/21/18
18B0626-04	MW118_021518	02/21/18
18B0626-05	MW117_021518	02/21/18
18B0626-06	GWDUP01_021518	02/21/18

Batch ID: BD80029 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0626-03RE1	MW101A_021518	04/02/18
BD80029-BLK1	Blank	04/02/18
BD80029-BS1	LCS	04/02/18
BD80029-DUP1	Duplicate	04/02/18
BD80029-MS1	Matrix Spike	04/02/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
Blank (BB80868-BLK1)											Prepared & Analyzed: 02/20/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

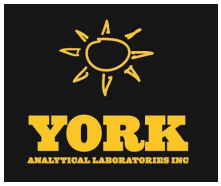
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
Blank (BB80868-BLK1)									Prepared & Analyzed: 02/20/2018		
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*9.89*		*"*	*10.0*		*98.9*	*69-130*				
Surrogate: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BB80868-BS1)									Prepared & Analyzed: 02/20/2018		
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	11.1		"	10.0		111	78-136				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.4		"	10.0		124	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.4		"	10.0		114	68-138				
1,2,3-Trichlorobenzene	10.7		"	10.0		107	76-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	9.88		"	10.0		98.8	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	11.3		"	10.0		113	73-132				
1,2-Dichloropropane	10.2		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	148		"	210		70.4	10-349				
2-Butanone	11.2		"	10.0		112	49-152				
2-Hexanone	10.9		"	10.0		109	51-146				
4-Methyl-2-pentanone	11.2		"	10.0		112	57-145				
Acetone	9.52		"	10.0		95.2	14-150				
Acrolein	6.69		"	10.0		66.9	10-153				
Acrylonitrile	10.5		"	10.0		105	51-150				
Benzene	11.0		"	10.0		110	85-126				
Bromochloromethane	11.7		"	10.0		117	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
LCS (BB80868-BS1)								Prepared & Analyzed: 02/20/2018			
Bromodichloromethane	10.1		ug/L	10.0		101	79-128				
Bromoform	10.4		"	10.0		104	78-133				
Bromomethane	6.87		"	10.0		68.7	43-168				
Carbon disulfide	12.6		"	10.0		126	68-146				
Carbon tetrachloride	12.0		"	10.0		120	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	11.8		"	10.0		118	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	11.9		"	10.0		119	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	12.6		"	10.0		126	63-149				
Dibromochloromethane	10.5		"	10.0		105	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	19.0		"	10.0		190	44-144	High Bias			
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	10.4		"	10.0		104	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl acetate	11.7		"	10.0		117	51-139				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylcyclohexane	11.3		"	10.0		113	72-143				
Methylene chloride	10.5		"	10.0		105	55-137				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	21.6		"	20.0		108	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butyl alcohol (TBA)	43.7		"	50.0		87.4	25-162				
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	8.77		"	10.0		87.7	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	13.0		"	10.0		130	67-139				
Vinyl Chloride	13.0		"	10.0		130	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
LCS Dup (BB80868-BSD1)							Prepared & Analyzed: 02/20/2018				
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		2.19	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		2.46	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		1.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0		122	54-165		2.04	30	
1,1,2-Trichloroethane	9.86		"	10.0		98.6	82-123		2.70	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		1.56	30	
1,1-Dichloroethylene	11.1		"	10.0		111	68-138		2.49	30	
1,2,3-Trichlorobenzene	11.7		"	10.0		117	76-136		8.77	30	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		4.03	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-137		2.72	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		2.13	30	
1,2-Dibromo-3-chloropropane	9.64		"	10.0		96.4	45-147		2.46	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		1.73	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		1.75	30	
1,2-Dichloroethane	11.2		"	10.0		112	73-132		1.15	30	
1,2-Dichloropropane	9.95		"	10.0		99.5	78-126		2.38	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		3.27	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		1.74	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		2.06	30	
1,4-Dioxane	226		"	210		108	10-349		41.8	30	Non-dir.
2-Butanone	10.3		"	10.0		103	49-152		8.02	30	
2-Hexanone	10.7		"	10.0		107	51-146		2.41	30	
4-Methyl-2-pentanone	11.0		"	10.0		110	57-145		2.26	30	
Acetone	9.76		"	10.0		97.6	14-150		2.49	30	
Acrolein	6.40		"	10.0		64.0	10-153		4.43	30	
Acrylonitrile	10.1		"	10.0		101	51-150		3.30	30	
Benzene	10.8		"	10.0		108	85-126		1.84	30	
Bromochloromethane	11.5		"	10.0		115	77-128		1.55	30	
Bromodichloromethane	9.80		"	10.0		98.0	79-128		2.62	30	
Bromoform	10.1		"	10.0		101	78-133		2.74	30	
Bromomethane	7.28		"	10.0		72.8	43-168		5.80	30	
Carbon disulfide	12.3		"	10.0		123	68-146		2.73	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		1.77	30	
Chlorobenzene	10.2		"	10.0		102	88-120		1.85	30	
Chloroethane	11.4		"	10.0		114	65-136		2.76	30	
Chloroform	10.5		"	10.0		105	82-128		1.33	30	
Chloromethane	11.3		"	10.0		113	43-155		5.16	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		0.278	30	
cis-1,3-Dichloropropylene	9.92		"	10.0		99.2	80-131		1.60	30	
Cyclohexane	12.4		"	10.0		124	63-149		1.28	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		1.64	30	
Dibromomethane	10.0		"	10.0		100	72-134		3.34	30	
Dichlorodifluoromethane	18.6		"	10.0		186	44-144	High Bias	2.02	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		2.16	30	
Hexachlorobutadiene	10.5		"	10.0		105	67-146		0.766	30	
Isopropylbenzene	10.3		"	10.0		103	76-140		1.54	30	
Methyl acetate	11.6		"	10.0		116	51-139		1.29	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		0.647	30	
Methylcyclohexane	11.0		"	10.0		110	72-143		2.68	30	
Methylene chloride	10.4		"	10.0		104	55-137		0.860	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		2.52	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

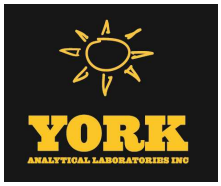
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
LCS Dup (BB80868-BSD1)								Prepared & Analyzed: 02/20/2018			
n-Propylbenzene	10.6		ug/L	10.0		106	78-133		2.06	30	
o-Xylene	10.4		"	10.0		104	78-130		1.91	30	
p- & m- Xylenes	21.2		"	20.0		106	77-133		2.24	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		2.44	30	
sec-Butylbenzene	10.9		"	10.0		109	79-137		2.45	30	
Styrene	9.88		"	10.0		98.8	67-132		2.20	30	
tert-Butyl alcohol (TBA)	52.7		"	50.0		105	25-162		18.7	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		2.11	30	
Tetrachloroethylene	8.49		"	10.0		84.9	82-131		3.24	30	
Toluene	10.2		"	10.0		102	80-127		2.60	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		1.95	30	
trans-1,3-Dichloropropylene	9.71		"	10.0		97.1	78-131		3.34	30	
Trichloroethylene	10.2		"	10.0		102	82-128		3.55	30	
Trichlorofluoromethane	12.8		"	10.0		128	67-139		1.47	30	
Vinyl Chloride	12.8		"	10.0		128	58-145		1.16	30	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*79-122*				
Matrix Spike (BB80868-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
1,1,1,2-Tetrachloroethane	8.73		ug/L	10.0	0.00	87.3	45-161				
1,1,1-Trichloroethane	9.41		"	10.0	0.00	94.1	70-146				
1,1,2,2-Tetrachloroethane	9.48		"	10.0	0.00	94.8	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.18		"	10.0	0.00	71.8	21-217				
1,1,2-Trichloroethane	8.36		"	10.0	0.00	83.6	59-146				
1,1-Dichloroethane	9.32		"	10.0	0.00	93.2	54-146				
1,1-Dichloroethylene	9.00		"	10.0	0.00	90.0	44-165				
1,2,3-Trichlorobenzene	7.55		"	10.0	0.00	75.5	40-161				
1,2,3-Trichloropropane	9.29		"	10.0	0.00	92.9	74-127				
1,2,4-Trichlorobenzene	6.34		"	10.0	0.00	63.4	41-161				
1,2,4-Trimethylbenzene	7.12		"	10.0	0.00	71.2	72-129	Low Bias			
1,2-Dibromo-3-chloropropane	8.08		"	10.0	0.00	80.8	31-151				
1,2-Dibromoethane	8.55		"	10.0	0.00	85.5	75-125				
1,2-Dichlorobenzene	7.71		"	10.0	0.00	77.1	63-122				
1,2-Dichloroethane	9.11		"	10.0	0.00	91.1	68-131				
1,2-Dichloropropane	8.52		"	10.0	0.00	85.2	77-121				
1,3,5-Trimethylbenzene	7.25		"	10.0	0.00	72.5	69-126				
1,3-Dichlorobenzene	7.37		"	10.0	0.00	73.7	74-119	Low Bias			
1,4-Dichlorobenzene	7.31		"	10.0	0.00	73.1	70-124				
1,4-Dioxane	80.2		"	210	0.00	38.2	10-310				
2-Butanone	8.36		"	10.0	0.00	83.6	10-193				
2-Hexanone	8.84		"	10.0	0.00	88.4	53-133				
4-Methyl-2-pentanone	9.15		"	10.0	0.00	91.5	38-150				
Acetone	8.13		"	10.0	0.870	72.6	13-149				
Acrolein	5.69		"	10.0	0.00	56.9	10-195				
Acrylonitrile	8.35		"	10.0	0.00	83.5	37-165				
Benzene	9.11		"	10.0	0.00	91.1	38-155				
Bromochloromethane	9.28		"	10.0	0.00	92.8	75-121				
Bromodichloromethane	8.37		"	10.0	0.00	83.7	70-129				
Bromoform	8.37		"	10.0	0.00	83.7	66-136				
Bromomethane	5.24		"	10.0	0.00	52.4	30-158				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
Matrix Spike (BB80868-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Carbon disulfide	9.72		ug/L	10.0	0.00	97.2	10-138				
Carbon tetrachloride	9.62		"	10.0	0.00	96.2	71-146				
Chlorobenzene	8.32		"	10.0	0.00	83.2	81-117				
Chloroethane	9.30		"	10.0	0.00	93.0	51-145				
Chloroform	22.7		"	10.0	13.5	92.0	80-124				
Chloromethane	7.90		"	10.0	0.00	79.0	16-163				
cis-1,2-Dichloroethylene	9.20		"	10.0	0.00	92.0	76-125				
cis-1,3-Dichloropropylene	8.37		"	10.0	0.00	83.7	58-131				
Cyclohexane	7.68		"	10.0	0.00	76.8	70-130				
Dibromochloromethane	8.53		"	10.0	0.00	85.3	71-129				
Dibromomethane	8.45		"	10.0	0.00	84.5	76-120				
Dichlorodifluoromethane	6.92		"	10.0	0.00	69.2	30-147				
Ethyl Benzene	8.32		"	10.0	0.00	83.2	72-128				
Hexachlorobutadiene	4.08		"	10.0	0.00	40.8	34-166				
Isopropylbenzene	7.24		"	10.0	0.00	72.4	66-139				
Methyl acetate	8.88		"	10.0	0.00	88.8	10-200				
Methyl tert-butyl ether (MTBE)	8.60		"	10.0	0.00	86.0	75-128				
Methylcyclohexane	5.42		"	10.0	0.00	54.2	70-130	Low Bias			
Methylene chloride	8.57		"	10.0	0.00	85.7	57-128				
n-Butylbenzene	5.23		"	10.0	0.00	52.3	61-138	Low Bias			
n-Propylbenzene	7.27		"	10.0	0.00	72.7	66-134				
o-Xylene	8.23		"	10.0	0.00	82.3	69-126				
p- & m- Xylenes	16.2		"	20.0	0.00	81.2	67-130				
p-Isopropyltoluene	5.78		"	10.0	0.00	57.8	64-137	Low Bias			
sec-Butylbenzene	5.98		"	10.0	0.00	59.8	53-155				
Styrene	7.78		"	10.0	0.00	77.8	69-125				
tert-Butyl alcohol (TBA)	37.2		"	50.0	1.29	71.8	10-130				
tert-Butylbenzene	6.50		"	10.0	0.00	65.0	65-139				
Tetrachloroethylene	6.23		"	10.0	0.300	59.3	64-139	Low Bias			
Toluene	8.66		"	10.0	0.00	86.6	76-123				
trans-1,2-Dichloroethylene	9.08		"	10.0	0.00	90.8	79-131				
trans-1,3-Dichloropropylene	8.31		"	10.0	0.00	83.1	55-130				
Trichloroethylene	15.0		"	10.0	6.29	87.3	53-145				
Trichlorofluoromethane	9.14		"	10.0	0.00	91.4	61-142				
Vinyl Chloride	9.18		"	10.0	0.00	91.8	31-165				
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.80*		*"*	*10.0*		*98.0*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

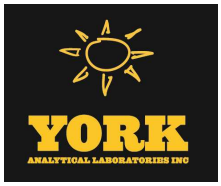
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
Matrix Spike Dup (BB80868-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
1,1,1,2-Tetrachloroethane	9.28		ug/L	10.0	0.00	92.8	45-161		6.11	30	
1,1,1-Trichloroethane	9.93		"	10.0	0.00	99.3	70-146		5.38	30	
1,1,2,2-Tetrachloroethane	9.89		"	10.0	0.00	98.9	74-121		4.23	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.58		"	10.0	0.00	85.8	21-217		17.8	30	
1,1,2-Trichloroethane	8.64		"	10.0	0.00	86.4	59-146		3.29	30	
1,1-Dichloroethane	9.70		"	10.0	0.00	97.0	54-146		4.00	30	
1,1-Dichloroethylene	9.40		"	10.0	0.00	94.0	44-165		4.35	30	
1,2,3-Trichlorobenzene	9.69		"	10.0	0.00	96.9	40-161		24.8	30	
1,2,3-Trichloropropane	9.52		"	10.0	0.00	95.2	74-127		2.45	30	
1,2,4-Trichlorobenzene	8.00		"	10.0	0.00	80.0	41-161		23.2	30	
1,2,4-Trimethylbenzene	8.42		"	10.0	0.00	84.2	72-129		16.7	30	
1,2-Dibromo-3-chloropropane	8.48		"	10.0	0.00	84.8	31-151		4.83	30	
1,2-Dibromoethane	8.95		"	10.0	0.00	89.5	75-125		4.57	30	
1,2-Dichlorobenzene	8.64		"	10.0	0.00	86.4	63-122		11.4	30	
1,2-Dichloroethane	9.58		"	10.0	0.00	95.8	68-131		5.03	30	
1,2-Dichloropropane	9.01		"	10.0	0.00	90.1	77-121		5.59	30	
1,3,5-Trimethylbenzene	8.64		"	10.0	0.00	86.4	69-126		17.5	30	
1,3-Dichlorobenzene	8.44		"	10.0	0.00	84.4	74-119		13.5	30	
1,4-Dichlorobenzene	8.28		"	10.0	0.00	82.8	70-124		12.4	30	
1,4-Dioxane	154		"	210	0.00	73.4	10-310		63.1	30	Non-dir.
2-Butanone	8.74		"	10.0	0.00	87.4	10-193		4.44	30	
2-Hexanone	9.19		"	10.0	0.00	91.9	53-133		3.88	30	
4-Methyl-2-pentanone	9.45		"	10.0	0.00	94.5	38-150		3.23	30	
Acetone	7.75		"	10.0	0.870	68.8	13-149		4.79	30	
Acrolein	6.67		"	10.0	0.00	66.7	10-195		15.9	30	
Acrylonitrile	8.16		"	10.0	0.00	81.6	37-165		2.30	30	
Benzene	9.56		"	10.0	0.00	95.6	38-155		4.82	30	
Bromochloromethane	9.74		"	10.0	0.00	97.4	75-121		4.84	30	
Bromodichloromethane	8.77		"	10.0	0.00	87.7	70-129		4.67	30	
Bromoform	8.72		"	10.0	0.00	87.2	66-136		4.10	30	
Bromomethane	5.55		"	10.0	0.00	55.5	30-158		5.75	30	
Carbon disulfide	10.1		"	10.0	0.00	101	10-138		3.74	30	
Carbon tetrachloride	10.3		"	10.0	0.00	103	71-146		6.63	30	
Chlorobenzene	8.89		"	10.0	0.00	88.9	81-117		6.62	30	
Chloroethane	9.37		"	10.0	0.00	93.7	51-145		0.750	30	
Chloroform	23.3		"	10.0	13.5	98.0	80-124		2.61	30	
Chloromethane	8.05		"	10.0	0.00	80.5	16-163		1.88	30	
cis-1,2-Dichloroethylene	9.57		"	10.0	0.00	95.7	76-125		3.94	30	
cis-1,3-Dichloropropylene	8.71		"	10.0	0.00	87.1	58-131		3.98	30	
Cyclohexane	9.36		"	10.0	0.00	93.6	70-130		19.7	30	
Dibromochloromethane	8.95		"	10.0	0.00	89.5	71-129		4.81	30	
Dibromomethane	8.78		"	10.0	0.00	87.8	76-120		3.83	30	
Dichlorodifluoromethane	7.67		"	10.0	0.00	76.7	30-147		10.3	30	
Ethyl Benzene	9.08		"	10.0	0.00	90.8	72-128		8.74	30	
Hexachlorobutadiene	6.17		"	10.0	0.00	61.7	34-166		40.8	30	Non-dir.
Isopropylbenzene	8.62		"	10.0	0.00	86.2	66-139		17.4	30	
Methyl acetate	9.04		"	10.0	0.00	90.4	10-200		1.79	30	
Methyl tert-butyl ether (MTBE)	9.00		"	10.0	0.00	90.0	75-128		4.55	30	
Methylcyclohexane	7.35		"	10.0	0.00	73.5	70-130		30.2	30	Non-dir.
Methylene chloride	8.89		"	10.0	0.00	88.9	57-128		3.67	30	
n-Butylbenzene	7.13		"	10.0	0.00	71.3	61-138		30.7	30	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80868 - EPA 5030B											
Matrix Spike Dup (BB80868-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
n-Propylbenzene	8.75		ug/L	10.0	0.00	87.5	66-134		18.5	30	
o-Xylene	9.00		"	10.0	0.00	90.0	69-126		8.94	30	
p- & m- Xylenes	17.8		"	20.0	0.00	89.2	67-130		9.33	30	
p-Isopropyltoluene	7.63		"	10.0	0.00	76.3	64-137		27.6	30	
sec-Butylbenzene	7.98		"	10.0	0.00	79.8	53-155		28.7	30	
Styrene	8.41		"	10.0	0.00	84.1	69-125		7.78	30	
tert-Butyl alcohol (TBA)	44.0		"	50.0	1.29	85.3	10-130		16.7	30	
tert-Butylbenzene	8.28		"	10.0	0.00	82.8	65-139		24.1	30	
Tetrachloroethylene	7.01		"	10.0	0.300	67.1	64-139		11.8	30	
Toluene	9.17		"	10.0	0.00	91.7	76-123		5.72	30	
trans-1,2-Dichloroethylene	9.38		"	10.0	0.00	93.8	79-131		3.25	30	
trans-1,3-Dichloropropylene	8.64		"	10.0	0.00	86.4	55-130		3.89	30	
Trichloroethylene	15.6		"	10.0	6.29	93.1	53-145		3.79	30	
Trichlorofluoromethane	9.91		"	10.0	0.00	99.1	61-142		8.08	30	
Vinyl Chloride	9.32		"	10.0	0.00	93.2	31-165		1.51	30	
Surrogate: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*69-130*				
Surrogate: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

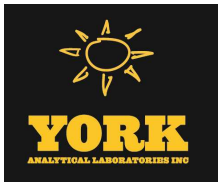
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80824 - EPA 3510C											
Blank (BB80824-BLK1)											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Prepared & Analyzed: 02/20/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80824 - EPA 3510C											
Blank (BB80824-BLK1)											Prepared & Analyzed: 02/20/2018
Surrogate: 2-Fluorophenol	*31.3*		*ug/L*	*77.4*		*40.4*	*19.7-63.1*				
Surrogate: Phenol-d5	*18.4*		*"*	*73.8*		*24.9*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*42.5*		*"*	*51.6*		*82.4*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*44.7*		*"*	*50.2*		*89.0*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*79.8*		*"*	*77.2*		*103*	*39.3-151*				
Surrogate: Terphenyl-d14	*43.1*		*"*	*51.0*		*84.6*	*30.7-106*				
Blank (BB80824-BLK2)											Prepared & Analyzed: 02/20/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

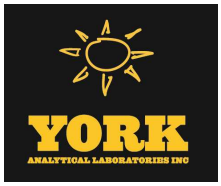
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80824 - EPA 3510C											
LCS (BB80824-BS1)								Prepared & Analyzed: 02/20/2018			
1,1-Biphenyl	18.4	5.00	ug/L	25.0		73.7	33-95				
1,2,4,5-Tetrachlorobenzene	17.1	5.00	"	25.0		68.4	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	17.7	5.00	"	25.0		70.8	16-141				
2,3,4,6-Tetrachlorophenol	48.3	5.00	"	25.0		193	30-130	High Bias			
2,4,5-Trichlorophenol	19.9	5.00	"	25.0		79.6	32-114				
2,4,6-Trichlorophenol	19.7	5.00	"	25.0		79.0	35-118				
2,4-Dichlorophenol	20.6	5.00	"	25.0		82.4	25-116				
2,4-Dimethylphenol	18.5	5.00	"	25.0		74.1	15-116				
2,4-Dinitrophenol	25.1	5.00	"	25.0		101	10-170				
2,4-Dinitrotoluene	22.9	5.00	"	25.0		91.7	41-128				
2,6-Dinitrotoluene	22.0	5.00	"	25.0		87.9	45-116				
2-Chloronaphthalene	19.1	5.00	"	25.0		76.3	33-112				
2-Chlorophenol	16.7	5.00	"	25.0		67.0	15-120				
2-Methylnaphthalene	23.8	5.00	"	25.0		95.3	24-118				
2-Methylphenol	13.4	5.00	"	25.0		53.7	10-110				
2-Nitroaniline	18.6	5.00	"	25.0		74.4	34-129				
2-Nitrophenol	18.0	5.00	"	25.0		72.0	28-118				
3- & 4-Methylphenols	11.7	5.00	"	25.0		47.0	10-107				
3,3-Dichlorobenzidine	28.2	5.00	"	25.0		113	15-187				
3-Nitroaniline	19.0	5.00	"	25.0		76.0	24-134				
4,6-Dinitro-2-methylphenol	22.4	5.00	"	25.0		89.8	10-153				
4-Bromophenyl phenyl ether	22.0	5.00	"	25.0		88.2	34-120				
4-Chloro-3-methylphenol	20.0	5.00	"	25.0		80.0	20-120				
4-Chloroaniline	15.0	5.00	"	25.0		60.1	10-147				
4-Chlorophenyl phenyl ether	21.6	5.00	"	25.0		86.5	27-121				
4-Nitroaniline	16.4	5.00	"	25.0		65.5	13-134				
4-Nitrophenol	7.23	5.00	"	25.0		28.9	10-131				
Acetophenone	19.1	5.00	"	25.0		76.3	25-110				
Aniline	8.78	5.00	"	25.0		35.1	10-117				
Benzaldehyde	17.6	5.00	"	25.0		70.4	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	11.9	5.00	"	25.0		47.8	10-117				
Benzyl butyl phthalate	22.8	5.00	"	25.0		91.2	29-133				
Bis(2-chloroethoxy)methane	19.8	5.00	"	25.0		79.3	10-154				
Bis(2-chloroethyl)ether	17.5	5.00	"	25.0		69.9	17-125				
Bis(2-chloroisopropyl)ether	17.2	5.00	"	25.0		68.8	10-139				
Caprolactam	3.65	5.00	"	25.0		14.6	10-137				
Carbazole	23.6	5.00	"	25.0		94.4	42-126				
Dibenzofuran	20.8	5.00	"	25.0		83.1	36-113				
Diethyl phthalate	22.2	5.00	"	25.0		89.0	38-115				
Dimethyl phthalate	21.1	5.00	"	25.0		84.6	38-129				
Di-n-butyl phthalate	21.7	5.00	"	25.0		86.7	31-120				
Di-n-octyl phthalate	21.9	5.00	"	25.0		87.7	21-149				
Diphenylamine	23.9	5.00	"	25.0		95.6	40-140				
Hexachlorocyclopentadiene	17.7	10.0	"	25.0		70.8	10-130				
Isophorone	18.6	5.00	"	25.0		74.2	25-127				
N-nitroso-di-n-propylamine	18.1	5.00	"	25.0		72.4	26-122				
N-Nitrosodiphenylamine	23.8	5.00	"	25.0		95.4	23-149				
Phenol	5.86	5.00	"	25.0		23.4	10-110				
Pyridine	4.86	5.00	"	25.0		19.4	10-90				
Surrogate: 2-Fluorophenol	*26.4*		*"*	*77.4*		*34.0*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

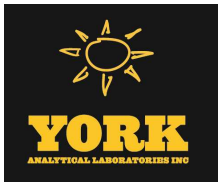
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80824 - EPA 3510C											
LCS (BB80824-BS1)								Prepared & Analyzed: 02/20/2018			
Surrogate: Phenol-d5	*15.8*		*ug/L*	*73.8*		*21.4*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*34.0*		*"*	*51.6*		*65.9*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*35.2*		*"*	*50.2*		*70.1*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*70.7*		*"*	*77.2*		*91.6*	*39.3-151*				
Surrogate: Terphenyl-d14	*34.2*		*"*	*51.0*		*67.0*	*30.7-106*				
LCS (BB80824-BS2)								Prepared & Analyzed: 02/20/2018			
Acenaphthene	0.700	0.0500	ug/L	1.00		70.0	25-116				
Acenaphthylene	0.720	0.0500	"	1.00		72.0	26-116				
Anthracene	0.850	0.0500	"	1.00		85.0	25-123				
Benzo(a)anthracene	0.890	0.0500	"	1.00		89.0	33-125				
Benzo(a)pyrene	1.04	0.0500	"	1.00		104	32-132				
Benzo(b)fluoranthene	0.830	0.0500	"	1.00		83.0	22-137				
Benzo(g,h,i)perylene	1.01	0.0500	"	1.00		101	10-138				
Benzo(k)fluoranthene	0.980	0.0500	"	1.00		98.0	20-137				
Bis(2-ethylhexyl)phthalate	0.890	0.500	"	1.00		89.0	10-189				
Chrysene	0.870	0.0500	"	1.00		87.0	32-124				
Dibenzo(a,h)anthracene	0.980	0.0500	"	1.00		98.0	16-133				
Fluoranthene	0.890	0.0500	"	1.00		89.0	32-121				
Fluorene	0.730	0.0500	"	1.00		73.0	28-118				
Hexachlorobenzene	1.01	0.0200	"	1.00		101	23-124				
Hexachlorobutadiene	0.660	0.500	"	1.00		66.0	15-123				
Hexachloroethane	0.580	0.500	"	1.00		58.0	18-115				
Indeno(1,2,3-cd)pyrene	0.970	0.0500	"	1.00		97.0	15-135				
Naphthalene	0.800	0.0500	"	1.00		80.0	18-120				
Nitrobenzene	1.09	0.250	"	1.00		109	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.470	0.250	"	1.00		47.0	10-156				
Phenanthrene	0.760	0.0500	"	1.00		76.0	24-127				
Pyrene	0.850	0.0500	"	1.00		85.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80824 - EPA 3510C											
Matrix Spike (BB80824-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
1,1-Biphenyl	12.7	3.85	ug/L	19.2	ND	66.3	26-79				
1,2,4,5-Tetrachlorobenzene	11.6	3.85	"	19.2	ND	60.2	33-90				
1,2-Diphenylhydrazine (as Azobenzene)	11.8	3.85	"	19.2	ND	61.4	21-107				
2,3,4,6-Tetrachlorophenol	34.5	3.85	"	19.2	ND	179	30-130	High Bias			
2,4,5-Trichlorophenol	13.5	3.85	"	19.2	ND	70.2	43-96				
2,4,6-Trichlorophenol	13.6	3.85	"	19.2	ND	70.9	46-94				
2,4-Dichlorophenol	13.9	3.85	"	19.2	ND	72.2	26-101				
2,4-Dimethylphenol	11.8	3.85	"	19.2	ND	61.5	10-104				
2,4-Dinitrophenol	18.7	3.85	"	19.2	ND	97.4	10-146				
2,4-Dinitrotoluene	16.2	3.85	"	19.2	ND	84.1	30-108				
2,6-Dinitrotoluene	15.3	3.85	"	19.2	ND	79.5	38-98				
2-Chloronaphthalene	13.1	3.85	"	19.2	ND	68.0	30-89				
2-Chlorophenol	10.8	3.85	"	19.2	ND	56.4	24-98				
2-Methylnaphthalene	15.2	3.85	"	19.2	ND	79.2	10-112				
2-Methylphenol	8.23	3.85	"	19.2	ND	42.8	10-134				
2-Nitroaniline	12.2	3.85	"	19.2	ND	63.4	25-110				
2-Nitrophenol	12.3	3.85	"	19.2	ND	63.8	10-139				
3- & 4-Methylphenols	6.79	3.85	"	19.2	ND	35.3	10-91				
3,3-Dichlorobenzidine	2.38	3.85	"	19.2	ND	12.4	10-140				
3-Nitroaniline	6.96	3.85	"	19.2	ND	36.2	22-111				
4,6-Dinitro-2-methylphenol	16.3	3.85	"	19.2	ND	84.9	10-140				
4-Bromophenyl phenyl ether	15.3	3.85	"	19.2	ND	79.5	30-108				
4-Chloro-3-methylphenol	13.0	3.85	"	19.2	ND	67.5	11-109				
4-Chloroaniline	7.22	3.85	"	19.2	ND	37.5	10-116				
4-Chlorophenyl phenyl ether	14.8	3.85	"	19.2	ND	77.2	39-85				
4-Nitroaniline	8.80	3.85	"	19.2	ND	45.8	11-132				
4-Nitrophenol	ND	3.85	"	19.2	ND		10-82	Low Bias			
Acetophenone	12.9	3.85	"	19.2	ND	66.9	14-102				
Aniline	3.94	3.85	"	19.2	ND	20.5	10-80				
Benzaldehyde	12.6	3.85	"	19.2	ND	65.4	13-87				
Benzoic acid	ND	38.5	"	22.3	ND		10-162	Low Bias			
Benzyl alcohol	6.92	3.85	"	19.2	ND	36.0	10-102				
Benzyl butyl phthalate	15.6	3.85	"	19.2	ND	81.0	10-133				
Bis(2-chloroethoxy)methane	13.1	3.85	"	19.2	ND	68.0	18-105				
Bis(2-chloroethyl)ether	12.0	3.85	"	19.2	ND	62.4	10-108				
Bis(2-chloroisopropyl)ether	11.6	3.85	"	19.2	ND	60.4	13-116				
Caprolactam	ND	3.85	"	19.2	ND		10-75	Low Bias			
Carbazole	18.4	3.85	"	19.2	ND	95.7	36-108				
Dibenzofuran	14.2	3.85	"	19.2	ND	73.8	34-92				
Diethyl phthalate	15.6	3.85	"	19.2	ND	81.1	33-98				
Dimethyl phthalate	14.6	3.85	"	19.2	ND	76.1	18-116				
Di-n-butyl phthalate	14.8	3.85	"	19.2	ND	76.9	25-97				
Di-n-octyl phthalate	15.4	3.85	"	19.2	ND	80.0	10-137				
Diphenylamine	16.5	3.85	"	19.2	ND	85.6	40-140				
Hexachlorocyclopentadiene	12.2	7.69	"	19.2	ND	63.2	10-79				
Isophorone	12.5	3.85	"	19.2	ND	64.9	25-103				
N-nitroso-di-n-propylamine	12.5	3.85	"	19.2	ND	64.9	19-115				
N-Nitrosodiphenylamine	16.2	3.85	"	19.2	ND	84.4	31-112				
Phenol	2.98	3.85	"	19.2	ND	15.5	10-61				
Pyridine	2.38	3.85	"	19.2	ND	12.4	10-78				
Surrogate: 2-Fluorophenol	*14.6*		*"*	*59.5*		*24.6*	*19.7-63.1*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80824 - EPA 3510C											
Matrix Spike (BB80824-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Surrogate: Phenol-d5	*7.95*		*ug/L*	*56.8*		*14.0*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*22.9*		*"*	*39.7*		*57.7*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*23.4*		*"*	*38.6*		*60.6*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*47.3*		*"*	*59.4*		*79.6*	*39.3-151*				
Surrogate: Terphenyl-d14	*20.4*		*"*	*39.2*		*52.0*	*30.7-106*				
Matrix Spike Dup (BB80824-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
1,1-Biphenyl	11.5	3.85	ug/L	19.2	ND	60.0	26-79		9.95	25	
1,2,4,5-Tetrachlorobenzene	10.2	3.85	"	19.2	ND	52.8	33-90		13.0	25	
1,2-Diphenylhydrazine (as Azobenzene)	11.0	3.85	"	19.2	ND	57.1	21-107		7.29	25	
2,3,4,6-Tetrachlorophenol	32.7	3.85	"	19.2	ND	170	30-130	High Bias	5.43	25	
2,4,5-Trichlorophenol	13.1	3.85	"	19.2	ND	68.2	43-96		3.01	25	
2,4,6-Trichlorophenol	12.6	3.85	"	19.2	ND	65.3	46-94		8.16	25	
2,4-Dichlorophenol	13.3	3.85	"	19.2	ND	69.1	26-101		4.36	25	
2,4-Dimethylphenol	10.8	3.85	"	19.2	ND	56.0	10-104		9.32	25	
2,4-Dinitrophenol	18.2	3.85	"	19.2	ND	94.7	10-146		2.83	25	
2,4-Dinitrotoluene	15.3	3.85	"	19.2	ND	79.6	30-108		5.52	25	
2,6-Dinitrotoluene	14.1	3.85	"	19.2	ND	73.5	38-98		7.85	25	
2-Chloronaphthalene	11.4	3.85	"	19.2	ND	59.1	30-89		14.0	25	
2-Chlorophenol	10.1	3.85	"	19.2	ND	52.5	24-98		7.20	25	
2-Methylnaphthalene	12.9	3.85	"	19.2	ND	67.0	10-112		16.7	25	
2-Methylphenol	7.63	3.85	"	19.2	ND	39.7	10-134		7.57	25	
2-Nitroaniline	11.5	3.85	"	19.2	ND	60.0	25-110		5.51	25	
2-Nitrophenol	11.5	3.85	"	19.2	ND	59.8	10-139		6.47	25	
3- & 4-Methylphenols	6.27	3.85	"	19.2	ND	32.6	10-91		8.01	25	
3,3-Dichlorobenzidine	2.11	3.85	"	19.2	ND	11.0	10-140		12.0	25	
3-Nitroaniline	6.64	3.85	"	19.2	ND	34.5	22-111		4.75	25	
4,6-Dinitro-2-methylphenol	16.1	3.85	"	19.2	ND	83.7	10-140		1.47	25	
4-Bromophenyl phenyl ether	14.2	3.85	"	19.2	ND	73.8	30-108		7.46	25	
4-Chloro-3-methylphenol	12.5	3.85	"	19.2	ND	65.0	11-109		3.74	25	
4-Chloroaniline	6.99	3.85	"	19.2	ND	36.4	10-116		3.14	25	
4-Chlorophenyl phenyl ether	13.6	3.85	"	19.2	ND	70.5	39-85		9.10	25	
4-Nitroaniline	8.43	3.85	"	19.2	ND	43.8	11-132		4.29	25	
4-Nitrophenol	5.17	3.85	"	19.2	ND	26.9	10-82			25	
Acetophenone	11.7	3.85	"	19.2	ND	60.6	14-102		9.85	25	
Aniline	3.55	3.85	"	19.2	ND	18.5	10-80		10.3	25	
Benzaldehyde	11.0	3.85	"	19.2	ND	57.4	13-87		13.2	25	
Benzoic acid	ND	38.5	"	22.3	ND		10-162	Low Bias		25	
Benzyl alcohol	6.38	3.85	"	19.2	ND	33.2	10-102		7.98	25	
Benzyl butyl phthalate	15.7	3.85	"	19.2	ND	81.9	10-133		1.13	25	
Bis(2-chloroethoxy)methane	12.4	3.85	"	19.2	ND	64.3	18-105		5.68	25	
Bis(2-chloroethyl)ether	10.5	3.85	"	19.2	ND	54.7	10-108		13.3	25	
Bis(2-chloroisopropyl)ether	10.4	3.85	"	19.2	ND	54.3	13-116		10.7	25	
Caprolactam	ND	3.85	"	19.2	ND		10-75	Low Bias		25	
Carbazole	18.7	3.85	"	19.2	ND	97.4	36-108		1.82	25	
Dibenzofuran	12.8	3.85	"	19.2	ND	66.7	34-92		10.1	25	
Diethyl phthalate	15.0	3.85	"	19.2	ND	77.9	33-98		4.08	25	
Dimethyl phthalate	13.9	3.85	"	19.2	ND	72.3	18-116		5.12	25	
Di-n-butyl phthalate	14.6	3.85	"	19.2	ND	75.9	25-97		1.26	25	
Di-n-octyl phthalate	15.6	3.85	"	19.2	ND	81.3	10-137		1.59	25	
Diphenylamine	15.2	3.85	"	19.2	ND	78.9	40-140		8.22	25	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80824 - EPA 3510C											
Matrix Spike Dup (BB80824-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Hexachlorocyclopentadiene	10.9	7.69	ug/L	19.2	ND	56.5	10-79		11.2	25	
Isophorone	11.6	3.85	"	19.2	ND	60.5	25-103		6.95	25	
N-nitroso-di-n-propylamine	10.5	3.85	"	19.2	ND	54.8	19-115		16.8	25	
N-Nitrosodiphenylamine	14.7	3.85	"	19.2	ND	76.6	31-112		9.64	25	
Phenol	2.72	3.85	"	19.2	ND	14.1	10-61		9.45	25	
Pyridine	2.28	3.85	"	19.2	ND	11.9	10-78		3.96	25	
Surrogate: 2-Fluorophenol	*13.0*		*"*	*59.5*		*21.8*	*19.7-63.1*				
Surrogate: Phenol-d5	*7.21*		*"*	*56.8*		*12.7*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*21.0*		*"*	*39.7*		*53.0*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*21.2*		*"*	*38.6*		*54.9*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*46.1*		*"*	*59.4*		*77.7*	*39.3-151*				
Surrogate: Terphenyl-d14	*20.6*		*"*	*39.2*		*52.6*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80824 - EPA 3510C											
Blank (BB80824-BLK1)											Prepared & Analyzed: 02/20/2018
Tentatively Identified Compounds	0.00		ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80757 - EPA SW846-3510C Low Level											
Blank (BB80757-BLK1)									Prepared: 02/19/2018 Analyzed: 02/20/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.187*		*"*	*0.209*		*89.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.118*		*"*	*0.202*		*58.2*	*30-150*				
LCS (BB80757-BS1)									Prepared: 02/19/2018 Analyzed: 02/20/2018		
4,4'-DDD	0.0865	0.00400	ug/L	0.100		86.5	40-140				
4,4'-DDE	0.0743	0.00400	"	0.100		74.3	40-140				
4,4'-DDT	0.0837	0.00400	"	0.100		83.7	40-140				
Aldrin	0.0580	0.00400	"	0.100		58.0	40-140				
alpha-BHC	0.0617	0.00400	"	0.100		61.7	40-140				
alpha-Chlordane	0.0628	0.00400	"	0.100		62.8	40-140				
beta-BHC	0.0713	0.00400	"	0.100		71.3	40-140				
delta-BHC	0.0532	0.00400	"	0.100		53.2	40-140				
Dieldrin	0.0690	0.00200	"	0.100		69.0	40-140				
Endosulfan I	0.0682	0.00400	"	0.100		68.2	40-140				
Endosulfan II	0.0776	0.00400	"	0.100		77.6	40-140				
Endosulfan sulfate	0.0815	0.00400	"	0.100		81.5	40-140				
Endrin	0.0738	0.00400	"	0.100		73.8	40-140				
Endrin aldehyde	0.0850	0.0100	"	0.100		85.0	40-140				
Endrin ketone	0.0899	0.0100	"	0.100		89.9	40-140				
gamma-BHC (Lindane)	0.0607	0.00400	"	0.100		60.7	40-140				
gamma-Chlordane	0.0634	0.0100	"	0.100		63.4	40-140				
Heptachlor	0.0585	0.00400	"	0.100		58.5	40-140				
Heptachlor epoxide	0.0638	0.00400	"	0.100		63.8	40-140				
Methoxychlor	0.0924	0.00400	"	0.100		92.4	40-140				
Surrogate: Decachlorobiphenyl	*0.152*		*"*	*0.209*		*72.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0962*		*"*	*0.202*		*47.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80757 - EPA SW846-3510C Low Level											
Matrix Spike (BB80757-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/19/2018 Analyzed: 02/22/2018			
4,4'-DDD	0.0950	0.00485	ug/L	0.121	ND	78.3	30-150				
4,4'-DDE	0.0873	0.00485	"	0.121	ND	72.0	30-150				
4,4'-DDT	0.0876	0.00485	"	0.121	ND	72.3	30-150				
Aldrin	0.0694	0.00485	"	0.121	ND	57.2	30-150				
alpha-BHC	0.0758	0.00485	"	0.121	ND	62.5	30-150				
alpha-Chlordane	0.0756	0.00485	"	0.121	ND	62.4	30-150				
beta-BHC	0.0885	0.00485	"	0.121	ND	73.1	30-150				
delta-BHC	0.0673	0.00485	"	0.121	ND	55.6	30-150				
Dieldrin	0.0858	0.00242	"	0.121	ND	70.8	30-150				
Endosulfan I	0.0854	0.00485	"	0.121	ND	70.4	30-150				
Endosulfan II	0.0881	0.00485	"	0.121	ND	72.6	30-150				
Endosulfan sulfate	0.0921	0.00485	"	0.121	ND	76.0	30-150				
Endrin	0.111	0.00485	"	0.121	ND	91.6	30-150				
Endrin aldehyde	0.0898	0.0121	"	0.121	ND	74.1	30-150				
Endrin ketone	0.0957	0.0121	"	0.121	ND	78.9	30-150				
gamma-BHC (Lindane)	0.0762	0.00485	"	0.121	ND	62.8	30-150				
gamma-Chlordane	0.0777	0.0121	"	0.121	ND	64.1	30-150				
Heptachlor	0.0700	0.00485	"	0.121	ND	57.8	30-150				
Heptachlor epoxide	0.0801	0.00485	"	0.121	ND	66.0	30-150				
Methoxychlor	0.100	0.00485	"	0.121	ND	82.8	30-150				
Surrogate: Decachlorobiphenyl	*0.149*		*"*	*0.253*		*58.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.136*		*"*	*0.245*		*55.7*	*30-150*				
Matrix Spike Dup (BB80757-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/19/2018 Analyzed: 02/22/2018			
4,4'-DDD	0.0919	0.00471	ug/L	0.118	ND	78.1	30-150		3.31	20	
4,4'-DDE	0.0916	0.00471	"	0.118	ND	77.8	30-150		4.81	20	
4,4'-DDT	0.0967	0.00471	"	0.118	ND	82.2	30-150		9.85	20	
Aldrin	0.0706	0.00471	"	0.118	ND	60.0	30-150		1.72	20	
alpha-BHC	0.0788	0.00471	"	0.118	ND	67.0	30-150		3.85	20	
alpha-Chlordane	0.0772	0.00471	"	0.118	ND	65.6	30-150		2.09	20	
beta-BHC	0.0895	0.00471	"	0.118	ND	76.1	30-150		1.12	20	
delta-BHC	0.0690	0.00471	"	0.118	ND	58.6	30-150		2.38	20	
Dieldrin	0.0884	0.00235	"	0.118	ND	75.2	30-150		2.98	20	
Endosulfan I	0.0884	0.00471	"	0.118	ND	75.2	30-150		3.50	20	
Endosulfan II	0.0940	0.00471	"	0.118	ND	79.9	30-150		6.53	20	
Endosulfan sulfate	0.0986	0.00471	"	0.118	ND	83.8	30-150		6.75	20	
Endrin	0.117	0.00471	"	0.118	ND	99.8	30-150		5.56	20	
Endrin aldehyde	0.0927	0.0118	"	0.118	ND	78.8	30-150		3.14	20	
Endrin ketone	0.105	0.0118	"	0.118	ND	89.0	30-150		9.04	20	
gamma-BHC (Lindane)	0.0773	0.00471	"	0.118	ND	65.7	30-150		1.46	20	
gamma-Chlordane	0.0799	0.0118	"	0.118	ND	67.9	30-150		2.79	20	
Heptachlor	0.0710	0.00471	"	0.118	ND	60.4	30-150		1.47	20	
Heptachlor epoxide	0.0826	0.00471	"	0.118	ND	70.2	30-150		3.15	20	
Methoxychlor	0.113	0.00471	"	0.118	ND	96.4	30-150		12.2	20	
Surrogate: Decachlorobiphenyl	*0.151*		*"*	*0.246*		*61.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.134*		*"*	*0.238*		*56.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B2101 - BB80761											
Performance Mix (Y8B2101-PEM1)								Prepared & Analyzed: 02/20/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.602		"	0.00			0-200				
4,4'-DDT	164		"	200		81.9	0-200				
Endrin	109		"	100		109	0-200				
Endrin aldehyde	1.66		"	0.00			0-200				
Endrin ketone	5.44		"	0.00			0-200				
Performance Mix (Y8B2101-PEM2)								Prepared & Analyzed: 02/20/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.498		"	0.00			0-200				
4,4'-DDT	178		"	200		89.1	0-200				
Endrin	106		"	100		106	0-200				
Endrin aldehyde	1.42		"	0.00			0-200				
Endrin ketone	4.85		"	0.00			0-200				
Batch Y8B2303 - BB80761											
Performance Mix (Y8B2303-PEM1)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.484		"	0.00			0-200				
4,4'-DDT	145		"	200		72.6	0-200				
Endrin	107		"	100		107	0-200				
Endrin aldehyde	0.400		"	0.00			0-200				
Endrin ketone	4.26		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B2303 - BB80761											
Performance Mix (Y8B2303-PEM2)							Prepared & Analyzed: 02/22/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.526		"	0.00			0-200				
4,4'-DDT	184		"	200		92.1	0-200				
Endrin	130		"	100		130	0-200				
Endrin aldehyde	0.770		"	0.00			0-200				
Endrin ketone	5.53		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80757 - EPA SW846-3510C Low Level											
Blank (BB80757-BLK2)								Prepared: 02/19/2018 Analyzed: 02/20/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.104*		*"*	*0.202*		*51.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.235*		*"*	*0.209*		*112*	*30-120*				
LCS (BB80757-BS2)								Prepared: 02/19/2018 Analyzed: 02/20/2018			
Aroclor 1016	0.868	0.0500	ug/L	1.00		86.8	40-120				
Aroclor 1260	1.11	0.0500	"	1.00		111	40-120				
Surrogate: Tetrachloro-m-xylene	*0.131*		*"*	*0.202*		*64.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.214*		*"*	*0.209*		*102*	*30-120*				
LCS Dup (BB80757-BSD2)								Prepared: 02/19/2018 Analyzed: 02/20/2018			
Aroclor 1016	0.901	0.0500	ug/L	1.00		90.1	40-120		3.71	30	
Aroclor 1260	1.12	0.0500	"	1.00		112	40-120		1.67	30	
Surrogate: Tetrachloro-m-xylene	*0.132*		*"*	*0.202*		*65.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.216*		*"*	*0.209*		*103*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80901 - EPA 3535A											
Blank (BB80901-BLK1)								Prepared & Analyzed: 02/21/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*149*		*"*	*125*		*119*	*30-150*				
LCS (BB80901-BS1)								Prepared & Analyzed: 02/21/2018			
2,4,5-T	43.0	5.00	ug/L	40.0		108	40-140				
2,4,5-TP (Silvex)	43.2	5.00	"	40.0		108	40-140				
2,4-D	48.5	5.00	"	40.0		121	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*142*		*"*	*125*		*114*	*30-150*				
Matrix Spike (BB80901-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/21/2018			
2,4,5-T	33.2	5.00	ug/L	40.0	ND	83.1	30-150				
2,4,5-TP (Silvex)	36.5	5.00	"	40.0	ND	91.2	30-150				
2,4-D	32.8	5.00	"	40.0	ND	81.9	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*139*		*"*	*125*		*111*	*30-150*				
Matrix Spike Dup (BB80901-MSD1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/21/2018			
2,4,5-T	32.0	5.00	ug/L	40.0	ND	80.0	30-150		3.83	30	
2,4,5-TP (Silvex)	35.2	5.00	"	40.0	ND	88.1	30-150		3.48	30	
2,4-D	31.5	5.00	"	40.0	ND	78.8	30-150		3.89	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*134*		*"*	*125*		*107*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80768 - EPA 3015A											
Blank (BB80768-BLK1)										Prepared: 02/19/2018 Analyzed: 02/20/2018	
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	ND	0.0444	"								
Iron - Dissolved	ND	0.0222	"								
Lead - Dissolved	ND	0.0222	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	2.44	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	0.0360	0.0278	"								
Duplicate (BB80768-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)									Prepared: 02/19/2018 Analyzed: 02/21/2018	
Aluminum - Dissolved	0.110	0.0556	mg/L		ND					20	
Barium - Dissolved	0.0397	0.0111	"		0.0400				0.748	20	
Calcium - Dissolved	22.1	0.0556	"		22.4				1.55	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Copper - Dissolved	ND	0.00556	"		0.00543					20	
Iron - Dissolved	0.104	0.0222	"		0.0918				12.8	20	
Lead - Dissolved	0.00878	0.00556	"		0.00868				1.09	20	
Magnesium - Dissolved	7.25	0.0556	"		7.63				5.18	20	
Manganese - Dissolved	0.0627	0.00556	"		0.0623				0.545	20	
Nickel - Dissolved	ND	0.00556	"		ND					20	
Potassium - Dissolved	7.31	0.0556	"		6.67				9.05	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	ND	0.111	"		ND					20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0167	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80768 - EPA 3015A											
Matrix Spike (BB80768-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/19/2018 Analyzed: 02/21/2018			
Barium - Dissolved	0.0913	0.0111	mg/L	2.22	0.0400	2.31	75-125	Low Bias			
Chromium - Dissolved	0.0534	0.00556	"	0.222	ND	24.0	75-125	Low Bias			
Copper - Dissolved	0.0650	0.00556	"	0.278	0.00543	21.4	75-125	Low Bias			
Iron - Dissolved	2.40	0.0222	"	1.11	0.0918	208	75-125	High Bias			
Lead - Dissolved	0.0555	0.00556	"	0.556	0.00868	8.43	75-125	Low Bias			
Manganese - Dissolved	0.113	0.00556	"	0.556	0.0623	9.09	75-125	Low Bias			
Nickel - Dissolved	0.0555	0.00556	"	0.556	ND	9.99	75-125	Low Bias			
Silver - Dissolved	0.0491	0.00556	"	0.0556	ND	88.4	75-125				
Vanadium - Dissolved	0.0523	0.0111	"	0.556	ND	9.42	75-125	Low Bias			
Zinc - Dissolved	0.0582	0.0167	"	0.556	ND	10.5	75-125	Low Bias			
Reference (BB80768-SRM1)								Prepared: 02/19/2018 Analyzed: 02/20/2018			
Aluminum - Dissolved	0.929		ug/mL	0.720		129	81.4-117.2	High Bias			
Barium - Dissolved	0.496		"	0.500		99.2	85-115				
Calcium - Dissolved	30.0		"	33.0		90.8	86.5-114.3				
Chromium - Dissolved	0.867		"	0.860		101	85-115				
Copper - Dissolved	0.370		"	0.320		116	85-115	High Bias			
Iron - Dissolved	1.44		"	1.40		103	84.9-115				
Lead - Dissolved	0.675		"	0.640		105	85-115				
Magnesium - Dissolved	74.7		"	80.1		93.3	86.3-114.8				
Manganese - Dissolved	1.06		"	1.02		104	84.9-115				
Nickel - Dissolved	1.85		"	1.78		104	87-113.7				
Potassium - Dissolved	10.5		"	10.3		101	84.9-115				
Silver - Dissolved	0.613		"	0.600		102	85-115				
Sodium - Dissolved	0.00		"	22.7			85-115	Low Bias			
Vanadium - Dissolved	1.63		"	1.66		98.2	85-114.9				
Zinc - Dissolved	1.56		"	1.62		96.2	84.9-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80835 - EPA 3015A											
Blank (BB80835-BLK1)											Prepared: 02/20/2018 Analyzed: 02/21/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.0444	"								
Iron	ND	0.0278	"								
Lead	ND	0.0278	"								
Magnesium	ND	0.167	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	3.33	"								
Silver	ND	0.00556	"								
Sodium	ND	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Duplicate (BB80835-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)										Prepared: 02/20/2018 Analyzed: 02/21/2018
Aluminum	0.753	0.0556	mg/L		0.819				8.44	20	
Barium	0.0750	0.0111	"		0.0735				1.95	20	
Calcium	31.2	0.0556	"		30.8				1.21	20	
Chromium	0.0190	0.00556	"		0.0191				0.291	20	
Copper	0.0252	0.00556	"		0.0273				8.04	20	
Iron	3.82	0.0222	"		3.64				4.85	20	
Lead	0.0181	0.00556	"		0.0194				6.87	20	
Magnesium	10.3	0.0556	"		10.0				2.73	20	
Manganese	0.222	0.00556	"		0.220				0.779	20	
Nickel	0.00823	0.00556	"		0.00967				16.0	20	
Potassium	9.04	0.0556	"		8.91				1.47	20	
Silver	ND	0.00556	"		ND					20	
Sodium	ND	0.111	"		ND					20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0292	0.0167	"		0.0316				7.86	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80835 - EPA 3015A											
Matrix Spike (BB80835-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared: 02/20/2018 Analyzed: 02/21/2018			
Barium	2.34	0.0111	mg/L	2.22	0.0735	102	75-125				
Chromium	0.253	0.00556	"	0.222	0.0191	105	75-125				
Copper	0.395	0.00556	"	0.278	0.0273	132	75-125	High Bias			
Iron	4.85	0.0222	"	1.11	3.64	109	75-125				
Lead	0.589	0.00556	"	0.556	0.0194	103	75-125				
Manganese	0.793	0.00556	"	0.556	0.220	103	75-125				
Nickel	0.631	0.00556	"	0.556	0.00967	112	75-125				
Silver	0.0503	0.00556	"	0.0556	ND	90.5	75-125				
Vanadium	0.580	0.0111	"	0.556	ND	104	75-125				
Zinc	0.634	0.0167	"	0.556	0.0316	109	75-125				
Reference (BB80835-SRM1)								Prepared: 02/20/2018 Analyzed: 02/21/2018			
Aluminum	0.926		ug/mL	0.720		129	81.4-117.2	High Bias			
Barium	0.502		"	0.500		100	85-115				
Calcium	30.5		"	33.0		92.4	86.5-114.3				
Chromium	0.864		"	0.860		100	85-115				
Copper	0.368		"	0.320		115	85-115				
Iron	1.46		"	1.40		104	84.9-115				
Lead	0.674		"	0.640		105	85-115				
Magnesium	81.2		"	80.1		101	86.3-114.8				
Manganese	1.06		"	1.02		104	84.9-115				
Nickel	1.84		"	1.78		103	87-113.7				
Potassium	12.5		"	10.3		121	84.9-115	High Bias			
Silver	0.632		"	0.600		105	85-115				
Sodium	0.00		"	22.7			85-115	Low Bias			
Vanadium	1.63		"	1.66		98.1	85-114.9				
Zinc	1.53		"	1.62		94.5	84.9-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80029 - EPA 3015A											
Blank (BD80029-BLK1)											Prepared & Analyzed: 04/02/2018
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	ND	0.00556	"								
Iron - Dissolved	ND	0.0222	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0167	"								
LCS (BD80029-BS1)											Prepared & Analyzed: 04/02/2018
Aluminum - Dissolved	1.92		ug/mL	2.00		96.1	80-120				
Barium - Dissolved	1.92		"	2.00		96.0	80-120				
Calcium - Dissolved	1.00		"	1.00		100	80-120				
Chromium - Dissolved	0.201		"	0.200		101	80-120				
Copper - Dissolved	0.250		"	0.250		99.8	80-120				
Iron - Dissolved	0.961		"	1.00		96.1	80-120				
Lead - Dissolved	0.472		"	0.500		94.4	80-120				
Magnesium - Dissolved	0.948		"	1.00		94.8	80-120				
Manganese - Dissolved	0.481		"	0.500		96.2	80-120				
Nickel - Dissolved	0.491		"	0.500		98.2	80-120				
Potassium - Dissolved	0.826		"	1.00		82.6	80-120				
Silver - Dissolved	0.0474		"	0.0500		94.8	80-120				
Sodium - Dissolved	1.02		"	1.00		102	80-120				
Vanadium - Dissolved	0.471		"	0.500		94.2	80-120				
Zinc - Dissolved	0.467		"	0.500		93.3	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80029 - EPA 3015A											
Duplicate (BD80029-DUP1)	*Source sample: 18B0626-03RE1 (MW101A_021518)								Prepared & Analyzed: 04/02/2018		
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.0394	0.0111	"		0.0394				0.0927	20	
Calcium - Dissolved	25.7	0.0556	"		25.1				2.41	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Copper - Dissolved	0.00435	0.00556	"		ND					20	
Iron - Dissolved	ND	0.0222	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	8.26	0.0556	"		7.95				3.83	20	
Manganese - Dissolved	0.0631	0.00556	"		0.0620				1.76	20	
Nickel - Dissolved	ND	0.00556	"		ND					20	
Potassium - Dissolved	5.31	0.0556	"		5.34				0.546	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	82.3	0.111	"		80.0				2.78	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0167	"		ND					20	
Matrix Spike (BD80029-MS1)	*Source sample: 18B0626-03RE1 (MW101A_021518)								Prepared & Analyzed: 04/02/2018		
Barium - Dissolved	2.19	0.0111	mg/L	2.22	0.0394	96.7	75-125				
Chromium - Dissolved	0.220	0.00556	"	0.222	ND	99.1	75-125				
Copper - Dissolved	0.293	0.00556	"	0.278	ND	106	75-125				
Iron - Dissolved	1.11	0.0222	"	1.11	ND	100	75-125				
Lead - Dissolved	0.515	0.00556	"	0.556	ND	92.6	75-125				
Manganese - Dissolved	0.603	0.00556	"	0.556	0.0620	97.4	75-125				
Nickel - Dissolved	0.549	0.00556	"	0.556	ND	98.9	75-125				
Silver - Dissolved	0.0523	0.00556	"	0.0556	ND	94.2	75-125				
Vanadium - Dissolved	0.532	0.0111	"	0.556	ND	95.8	75-125				
Zinc - Dissolved	0.546	0.0167	"	0.556	ND	98.3	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80767 - EPA 3015A											
Blank (BB80767-BLK1)										Prepared: 02/19/2018 Analyzed: 02/21/2018	
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.00111	"								
Cadmium - Dissolved	ND	0.00111	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BB80767-BS1)										Prepared: 02/19/2018 Analyzed: 02/21/2018	
Antimony - Dissolved	42.5		ug/L	50.0		85.1	80-120				
Arsenic - Dissolved	37.3		"	50.0		74.6	80-120	Low Bias			
Beryllium - Dissolved	64.5		"	50.0		129	80-120	High Bias			
Cadmium - Dissolved	44.6		"	50.0		89.3	80-120				
Selenium - Dissolved	37.2		"	50.0		74.4	80-120	Low Bias			
Thallium - Dissolved	49.2		"	50.0		98.3	80-120				
Duplicate (BB80767-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)									Prepared: 02/19/2018 Analyzed: 02/21/2018	
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	0.00143	0.00111	"		0.00158				9.94	20	
Beryllium - Dissolved	ND	0.00111	"		ND					20	
Cadmium - Dissolved	ND	0.00111	"		ND					20	
Selenium - Dissolved	0.00124	0.00111	"		0.00121				2.65	20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BB80767-MS1)	*Source sample: 18B0626-03 (MW101A_021518)									Prepared: 02/19/2018 Analyzed: 02/21/2018	
Antimony - Dissolved	39.2		ug/L	50.0	0.006	78.5	75-125				
Arsenic - Dissolved	43.6		"	50.0	1.43	84.4	75-125				
Beryllium - Dissolved	43.8		"	50.0	-0.004	87.7	75-125				
Cadmium - Dissolved	39.9		"	50.0	0.027	79.8	75-125				
Selenium - Dissolved	41.2		"	50.0	1.09	80.2	75-125				
Thallium - Dissolved	42.7		"	50.0	0.003	85.3	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80836 - EPA 3015A											
Blank (BB80836-BLK1)										Prepared: 02/20/2018 Analyzed: 02/21/2018	
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB80836-BS1)										Prepared: 02/20/2018 Analyzed: 02/21/2018	
Antimony	36.7		ug/L	50.0		73.4	80-120	Low Bias			
Arsenic	38.8		"	50.0		77.5	80-120	Low Bias			
Beryllium	53.2		"	50.0		106	80-120				
Cadmium	37.7		"	50.0		75.4	80-120	Low Bias			
Selenium	37.4		"	50.0		74.7	80-120	Low Bias			
Thallium	47.0		"	50.0		93.9	80-120				
Duplicate (BB80836-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)									Prepared: 02/20/2018 Analyzed: 02/21/2018	
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00202	0.00111	"		0.00199				1.45	20	
Beryllium	ND	0.00111	"		ND					20	
Cadmium	ND	0.00111	"		ND					20	
Selenium	0.00271	0.00111	"		0.00244				10.6	20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB80836-MS1)	*Source sample: 18B0626-03 (MW101A_021518)									Prepared: 02/20/2018 Analyzed: 02/21/2018	
Antimony	39.3		ug/L	50.0	0.067	78.4	75-125				
Arsenic	41.3		"	50.0	1.79	79.0	75-125				
Beryllium	41.7		"	50.0	0.052	83.3	75-125				
Cadmium	39.5		"	50.0	0.038	79.0	75-125				
Selenium	40.6		"	50.0	2.19	76.9	75-125				
Thallium	42.5		"	50.0	0.045	85.0	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80837 - EPA 7473 water											
Blank (BB80837-BLK1)								Prepared & Analyzed: 02/20/2018			
Mercury - Dissolved	ND	0.0002000	mg/L								
Duplicate (BB80837-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Mercury - Dissolved	ND	0.0002000	mg/L		ND					20	
Matrix Spike (BB80837-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Mercury - Dissolved	0.001949		mg/L	0.00200	0.0001647	89.2	75-125				
Reference (BB80837-SRM1)								Prepared & Analyzed: 02/20/2018			
Mercury - Dissolved	0.005534		mg/L	0.00740		74.8	70-130				
Batch BB80862 - EPA 7473 water											
Blank (BB80862-BLK1)								Prepared & Analyzed: 02/20/2018			
Mercury	ND	0.00020	mg/L								
Duplicate (BB80862-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Mercury	ND	0.00020	mg/L		ND					20	
Matrix Spike (BB80862-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/20/2018			
Mercury	0.00179		mg/L	0.00200	0.00020	79.6	75-125				
Reference (BB80862-SRM1)								Prepared & Analyzed: 02/20/2018			
Mercury	0.00579		mg/L	0.00740		78.3	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80710 - Analysis Preparation											
Blank (BB80710-BLK1)								Prepared & Analyzed: 02/16/2018			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB80710-BS1)								Prepared & Analyzed: 02/16/2018			
Chromium, Hexavalent	0.504	0.0100	mg/L	0.500		101	80-120				
Duplicate (BB80710-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/16/2018			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BB80710-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/16/2018			
Chromium, Hexavalent	0.520	0.0100	mg/L	0.500	ND	104	75-125				
Batch BB80924 - Analysis Preparation											
Blank (BB80924-BLK1)								Prepared & Analyzed: 02/21/2018			
Cyanide, total	ND	0.0100	mg/L								
LCS (BB80924-BS1)								Prepared & Analyzed: 02/21/2018			
Cyanide, total	0.161	0.0100	mg/L	0.200		80.4	76.2-107				
Duplicate (BB80924-DUP1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/21/2018			
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BB80924-MS1)	*Source sample: 18B0626-03 (MW101A_021518)							Prepared & Analyzed: 02/21/2018			
Cyanide, total	0.157	0.0100	mg/L	0.200	ND	78.6	79-105	Low Bias			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0626-01	GWFB02_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-02	GWTB02_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-03	MW101A_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-04	MW118_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-05	MW117_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0626-06	GWDUP01_021518	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-03	Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
See attach	See attached
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
S-08	The recovery of this surrogate was outside of QC limits.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to change results for dissolved ICP metals data on sample 3.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B0626

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.com

Report To:

Company: "
Address:
Phone No.
Attention:
E-Mail Address: SKRAPP@LANGAN.com

Invoice To:

Company: "
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170824.501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GWFB02_021518	02/15/18 1500	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-, PFAS, 1,4-dioxane	
GWTB02_021518	02/15/18	GW	TCL+30 VOCs	
MW101A_021518	02/15/18 0915	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	
MW11B_021518	02/15/18 1300	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-, PFAS*, 1,4-dioxane*	
MW117_021518	02/15/18 1445	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	
GWMS01_021518	02/15/18 0915	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	
GWMSD01_021518	02/15/18 0915	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	
GWDUP01_021518	02/15/18 12:34	GW	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr^{6+}, Cr^{3+}, CN^-	

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl X MeOH ___ HNO_3 X H_2SO_4 ___ NaOH X ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered X
Lab to Filter ☐

Samples Relinquished By	Date/Time 02/15/18 1600	Samples Received By	Date/Time 2/15/18
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time TC 2/15/18 1954

Temperature on Receipt 5.7 °C

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

TestAmerica Job ID: 320-36192-1
Client Project/Site: PFAS, PWG RI

For:
York Analytical Laboratories, Inc.
120 Research Drive
Stratford, Connecticut 06615

Attn: Lab Reports

Authorized for release by:
3/12/2018 3:47:39 PM

Jill Kellmann, Manager of Project Management
(916)374-4402
jill.kellmann@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
Isotope Dilution Summary 8
QC Sample Results 9
QC Association Summary 13
Lab Chronicle 14
Certification Summary 15
Method Summary 16
Sample Summary 17
Chain of Custody 18
Receipt Checklists 21

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
*	Isotope Dilution analyte is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 320-36192-1

Laboratory: TestAmerica Sacramento

Narrative

Receipt
The samples were received on 2/17/2018 8:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7º C.

LCMS
Method(s) 537 (modified): The method blank for preparation batch 200-126932 and analytical batch 200-127080 contained Perfluorooctanoic acid (PFOA) above the reporting limit (RL). This target analyte concentration was less than the project-specific action limit; therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for M2-6:2FTS in the following sample: 18B0626-04 (320-36192-2). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. 6:2FTS was not identified in the sample.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit for 13C8 FOSA: 18B0626-04 (320-36192-2). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s). All detection limits are below the lower calibration.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Client Sample ID: 18B0626-01 — Lab Sample ID: 320-36192-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	1.9	B	1.7	0.39	ng/L	1		537 (modified)	Total/NA
6:2FTS	0.54	J	1.7	0.50	ng/L	1		537 (modified)	Total/NA

Client Sample ID: 18B0626-04 — Lab Sample ID: 320-36192-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	7.1		1.8	0.39	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	10		1.8	0.39	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	9.8		1.8	0.39	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	11		1.8	0.26	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	67	B	1.8	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.92	J	1.8	0.23	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.4		1.8	0.77	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.7		1.8	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.2	J	1.8	0.26	ng/L	1		537 (modified)	Total/NA
6:2FTS	0.74	J	1.8	0.53	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Client Sample ID: 18B0626-01
Date Collected: 02/15/18 15:00
Date Received: 02/17/18 08:55

Lab Sample ID: 320-36192-1
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.24	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorooctanoic acid (PFOA)	**1.9**	**B**	1.7	0.39	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.22	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.74	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.7	0.23	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.7	0.25	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.37	ng/L		03/01/18 12:54	03/06/18 18:51	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		1.7	0.50	ng/L		03/01/18 12:54	03/06/18 18:51	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		1.7	0.50	ng/L		03/01/18 12:54	03/06/18 18:51	1
6:2FTS	**0.54**	**J**	1.7	0.50	ng/L		03/01/18 12:54	03/06/18 18:51	1
8:2FTS	ND		1.7	0.50	ng/L		03/01/18 12:54	03/06/18 18:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*100*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C4-PFHpA	*100*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C4 PFOA	*100*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C4 PFOS	*101*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C5 PFNA	*98*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C4 PFBA	*91*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2 PFHxA	*118*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2 PFDA	*88*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2 PFUnA	*91*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2 PFDoA	*90*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C8 FOSA	*68*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C5-PFPeA	*127*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C2-PFTeDA	*91*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
d3-NMeFOSAA	*76*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
d5-NEtFOSAA	*85*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
M2-6:2FTS	*143*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
M2-8:2FTS	*86*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*
13C3-PFBS	*110*		*25 - 150*	*03/01/18 12:54*	*03/06/18 18:51*	*1*

Client Sample ID: 18B0626-04
Date Collected: 02/15/18 13:00
Date Received: 02/17/18 08:55

Lab Sample ID: 320-36192-2
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**7.1**		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluoropentanoic acid (PFPeA)	**10**		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorohexanoic acid (PFHxA)	**9.8**		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluoroheptanoic acid (PFHpA)	**11**		1.8	0.26	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorooctanoic acid (PFOA)	**67**	**B**	1.8	0.41	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorononanoic acid (PFNA)	**0.92**	**J**	1.8	0.23	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorodecanoic acid (PFDA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorobutanesulfonic acid (PFBS)	**6.4**		1.8	0.77	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorohexanesulfonic acid (PFHxS)	**3.7**		1.8	0.25	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorooctanesulfonic acid (PFOS)	**1.2**	**J**	1.8	0.26	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.8	0.39	ng/L		03/01/18 12:54	03/06/18 19:06	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		1.8	0.53	ng/L		03/01/18 12:54	03/06/18 19:06	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		1.8	0.53	ng/L		03/01/18 12:54	03/06/18 19:06	1
6:2FTS	**0.74**	**J**	1.8	0.53	ng/L		03/01/18 12:54	03/06/18 19:06	1
8:2FTS	ND		1.8	0.53	ng/L		03/01/18 12:54	03/06/18 19:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*98*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C4-PFHpA	*92*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C4 PFOA	*97*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C4 PFOS	*104*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C5 PFNA	*99*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C4 PFBA	*51*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2 PFHxA	*94*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2 PFDA	*76*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2 PFUnA	*74*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2 PFDoA	*68*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C8 FOSA	*22*	*	*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C5-PFPeA	*106*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C2-PFTeDA	*84*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
d3-NMeFOSAA	*69*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
d5-NEtFOSAA	*71*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
M2-6:2FTS	*177*	*	*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
M2-8:2FTS	*81*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*
13C3-PFBS	*118*		*25 - 150*	*03/01/18 12:54*	*03/06/18 19:06*	*1*

Isotope Dilution Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFHxS	PFHpA	PFOA	PFOS	PFNA	PFBA	PFHxA	PFDA
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)
320-36192-1	18B0626-01	100	100	100	101	98	91	118	88
320-36192-2	18B0626-04	98	92	97	104	99	51	94	76
LCS 200-126932/2-A	Lab Control Sample	96	91	95	100	94	87	115	89
LCSD 200-126932/3-A	Lab Control Sample Dup	92	90	94	94	94	89	114	85
MB 200-126932/1-A	Method Blank	100	98	103	107	102	88	111	90

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFUnA	PFDoA	PFOSA	PFPeA	PFTDA	-NMeFOS/	-NEtFOS/	M262FTS
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)
320-36192-1	18B0626-01	91	90	68	127	91	76	85	143
320-36192-2	18B0626-04	74	68	22 *	106	84	69	71	177 *
LCS 200-126932/2-A	Lab Control Sample	90	83	67	126	93	81	85	127
LCSD 200-126932/3-A	Lab Control Sample Dup	88	85	62	117	85	77	81	123
MB 200-126932/1-A	Method Blank	89	77	64	113	87	81	87	131

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M282FTS	3C3-PFBS						
Lab Sample ID	Client Sample ID	(25-150)	(25-150)						
320-36192-1	18B0626-01	86	110						
320-36192-2	18B0626-04	81	118						
LCS 200-126932/2-A	Lab Control Sample	100	104						
LCSD 200-126932/3-A	Lab Control Sample Dup	102	107						
MB 200-126932/1-A	Method Blank	101	114						

Surrogate Legend

PFHxS = 18O2 PFHxS
PFHpA = 13C4-PFHpA
PFOA = 13C4 PFOA
PFOS = 13C4 PFOS
PFNA = 13C5 PFNA
PFBA = 13C4 PFBA
PFHxA = 13C2 PFHxA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFOSA = 13C8 FOSA
PFPeA = 13C5-PFPeA
PFTDA = 13C2-PFTeDA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2FTS
M282FTS = M2-8:2FTS
13C3-PFBS = 13C3-PFBS

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-126932/1-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126932

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.29	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorooctanoic acid (PFOA)	2.61		2.0	0.47	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.26	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.88	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.28	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.30	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.44	ng/L		03/01/18 12:54	03/06/18 17:59	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		2.0	0.60	ng/L		03/01/18 12:54	03/06/18 17:59	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		2.0	0.60	ng/L		03/01/18 12:54	03/06/18 17:59	1
6:2FTS	ND		2.0	0.60	ng/L		03/01/18 12:54	03/06/18 17:59	1
8:2FTS	ND		2.0	0.60	ng/L		03/01/18 12:54	03/06/18 17:59	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
18O2 PFHxS	*100*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C4-PFHpA	*98*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C4 PFOA	*103*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C4 PFOS	*107*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C5 PFNA	*102*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C4 PFBA	*88*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2 PFHxA	*111*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2 PFDA	*90*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2 PFUnA	*89*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2 PFDoA	*77*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C8 FOSA	*64*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C5-PFPeA	*113*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C2-PFTeDA	*87*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
d3-NMeFOSAA	*81*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
d5-NEtFOSAA	*87*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
M2-6:2FTS	*131*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
M2-8:2FTS	*101*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*
13C3-PFBS	*114*		*25 - 150*	*03/01/18 12:54*	*03/06/18 17:59*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-126932/2-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	40.7		ng/L		102	60 - 140
Perfluoropentanoic acid (PFPeA)	40.0	30.6		ng/L		76	60 - 140
Perfluorohexanoic acid (PFHxA)	40.0	39.3		ng/L		98	60 - 140
Perfluoroheptanoic acid (PFHpA)	40.0	39.5		ng/L		99	60 - 140
Perfluorooctanoic acid (PFOA)	40.0	42.0		ng/L		105	60 - 140
Perfluorononanoic acid (PFNA)	40.0	38.7		ng/L		97	60 - 140
Perfluorodecanoic acid (PFDA)	40.0	39.1		ng/L		98	60 - 140
Perfluoroundecanoic acid (PFUnA)	40.0	40.7		ng/L		102	60 - 140
Perfluorododecanoic acid (PFDoA)	40.0	40.8		ng/L		102	60 - 140
Perfluorotridecanoic Acid (PFTriA)	40.0	38.3		ng/L		96	60 - 140
Perfluorotetradecanoic acid (PFTeA)	40.0	36.8		ng/L		92	60 - 140
Perfluorobutanesulfonic acid (PFBS)	35.4	36.5		ng/L		103	60 - 140
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.0		ng/L		93	60 - 140
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	39.6		ng/L		104	60 - 140
Perfluorooctanesulfonic acid (PFOS)	37.1	35.6		ng/L		96	60 - 140
Perfluorodecanesulfonic acid (PFDS)	38.6	35.7		ng/L		93	60 - 140
Perfluorooctane Sulfonamide (FOSA)	40.0	38.9		ng/L		97	60 - 140
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	40.0	39.8		ng/L		100	60 - 140
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	40.0	40.1		ng/L		100	60 - 140
6:2FTS	37.9	37.7		ng/L		99	60 - 140
8:2FTS	38.3	39.0		ng/L		102	60 - 140

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
18O2 PFHxS	*96*		*25 - 150*
13C4-PFHpA	*91*		*25 - 150*
13C4 PFOA	*95*		*25 - 150*
13C4 PFOS	*100*		*25 - 150*
13C5 PFNA	*94*		*25 - 150*
13C4 PFBA	*87*		*25 - 150*
13C2 PFHxA	*115*		*25 - 150*
13C2 PFDA	*89*		*25 - 150*
13C2 PFUnA	*90*		*25 - 150*
13C2 PFDoA	*83*		*25 - 150*
13C8 FOSA	*67*		*25 - 150*
13C5-PFPeA	*126*		*25 - 150*
13C2-PFTeDA	*93*		*25 - 150*
d3-NMeFOSAA	*81*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-126932/2-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126932

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
d5-NEtFOSAA	85		25 - 150
M2-6:2FTS	127		25 - 150
M2-8:2FTS	100		25 - 150
13C3-PFBS	104		25 - 150

Lab Sample ID: LCSD 200-126932/3-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126932

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			40.0	39.2		ng/L		98	60 - 140	4	30
Perfluoropentanoic acid (PFPeA)			40.0	33.5		ng/L		84	60 - 140	9	30
Perfluorohexanoic acid (PFHxA)			40.0	40.4		ng/L		101	60 - 140	3	30
Perfluoroheptanoic acid (PFHpA)			40.0	40.9		ng/L		102	60 - 140	4	30
Perfluorooctanoic acid (PFOA)			40.0	44.0		ng/L		110	60 - 140	5	30
Perfluorononanoic acid (PFNA)			40.0	38.8		ng/L		97	60 - 140	0	30
Perfluorodecanoic acid (PFDA)			40.0	39.7		ng/L		99	60 - 140	2	30
Perfluoroundecanoic acid (PFUnA)			40.0	41.9		ng/L		105	60 - 140	3	30
Perfluorododecanoic acid (PFDoA)			40.0	39.7		ng/L		99	60 - 140	3	30
Perfluorotridecanoic Acid (PFTriA)			40.0	37.2		ng/L		93	60 - 140	3	30
Perfluorotetradecanoic acid (PFTeA)			40.0	39.0		ng/L		97	60 - 140	6	30
Perfluorobutanesulfonic acid (PFBS)			35.4	36.8		ng/L		104	60 - 140	1	30
Perfluorohexanesulfonic acid (PFHxS)			36.4	35.0		ng/L		96	60 - 140	3	30
Perfluoroheptanesulfonic Acid (PFHpS)			38.1	43.1		ng/L		113	60 - 140	8	30
Perfluorooctanesulfonic acid (PFOS)			37.1	39.2		ng/L		106	60 - 140	10	30
Perfluorodecanesulfonic acid (PFDS)			38.6	39.3		ng/L		102	60 - 140	10	30
Perfluorooctane Sulfonamide (FOSA)			40.0	40.2		ng/L		100	60 - 140	3	30
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)			40.0	39.7		ng/L		99	60 - 140	0	30
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)			40.0	42.8		ng/L		107	60 - 140	6	30
6:2FTS			37.9	40.6		ng/L		107	60 - 140	7	30
8:2FTS			38.3	47.9		ng/L		125	60 - 140	21	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
18O2 PFHxS	92		25 - 150
13C4-PFHpA	90		25 - 150
13C4 PFOA	94		25 - 150
13C4 PFOS	94		25 - 150
13C5 PFNA	94		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 200-126932/3-A
Matrix: Water
Analysis Batch: 127080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126932

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C4 PFBA	89		25 - 150
13C2 PFHxA	114		25 - 150
13C2 PFDA	85		25 - 150
13C2 PFUnA	88		25 - 150
13C2 PFDoA	85		25 - 150
13C8 FOSA	62		25 - 150
13C5-PFPeA	117		25 - 150
13C2-PFTeDA	85		25 - 150
d3-NMeFOSAA	77		25 - 150
d5-NEtFOSAA	81		25 - 150
M2-6:2FTS	123		25 - 150
M2-8:2FTS	102		25 - 150
13C3-PFBS	107		25 - 150

LCMS

Prep Batch: 126932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-36192-1	18B0626-01	Total/NA	Water	3535	
320-36192-2	18B0626-04	Total/NA	Water	3535	
MB 200-126932/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-126932/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 200-126932/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 127080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-36192-1	18B0626-01	Total/NA	Water	537 (modified)	126932
320-36192-2	18B0626-04	Total/NA	Water	537 (modified)	126932
MB 200-126932/1-A	Method Blank	Total/NA	Water	537 (modified)	126932
LCS 200-126932/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	126932
LCSD 200-126932/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	126932

Lab Chronicle

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Client Sample ID: 18B0626-01

Date Collected: 02/15/18 15:00
Date Received: 02/17/18 08:55

Lab Sample ID: 320-36192-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			298.4 mL	0.5 mL	126932	03/01/18 12:54	BWC	TAL BUR
Total/NA	Analysis	537 (modified)		1			127080	03/06/18 18:51	BWC	TAL BUR

Client Sample ID: 18B0626-04

Date Collected: 02/15/18 13:00
Date Received: 02/17/18 08:55

Lab Sample ID: 320-36192-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			284 mL	0.5 mL	126932	03/01/18 12:54	BWC	TAL BUR
Total/NA	Analysis	537 (modified)		1			127080	03/06/18 19:06	BWC	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Laboratory: TestAmerica Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Oregon	NELAP	10	4040	01-29-19

Laboratory: TestAmerica Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-19
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-01-19
Florida	NELAP	4	E87467	06-30-18
L-A-B	DoD ELAP		L2336	02-25-20
Maine	State Program	1	VT00008	04-17-19
Minnesota	NELAP	5	050-999-436	12-31-18
New Jersey	NELAP	2	VT972	06-30-18
New York	NELAP	2	10391	04-01-18 *
Pennsylvania	NELAP	3	68-00489	04-30-18 *
Rhode Island	State Program	1	LAO00298	12-30-18
US Fish & Wildlife	Federal		LE-058448-0	07-31-18
USDA	Federal		P330-11-00093	07-24-20
Vermont	State Program	1	VT-4000	12-31-18
Virginia	NELAP	3	460209	12-14-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: York Analytical Laboratories, Inc.
Project/Site: PFAS, PWG RI

TestAmerica Job ID: 320-36192-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-36192-1	18B0626-01	Water	02/15/18 15:00	02/17/18 08:55
320-36192-2	18B0626-04	Water	02/15/18 13:00	02/17/18 08:55

320-36192 Chain of Custody

YORK
Analytical Laboratories, Inc.

2/16/2018

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody
York Project No.: 18B0626

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

TestAmerica West Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone :(916) 373-5600
Fax: (976) 379-1059

Sample ID: 18B0626-01 **Matrix: Water** **Date Sampled : 02/15/2018 15:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
PFAS in Water by EPA 537	03/01/2018 16:30	03/01/2018 15:00	

Containers Supplied:
10_250mL Square Plastic Cool to 4° C (J) 10_250mL Square Plastic Cool to 4° C (K)

Sample ID: 18B0626-04 **Matrix: Water** **Date Sampled : 02/15/2018 13:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
PFAS in Water by EPA 537	03/01/2018 16:30	03/01/2018 13:00	

Containers Supplied:
10_250mL Square Plastic Cool to 4° C (J) 10_250mL Square Plastic Cool to 4° C (K)

York Purchase Order No.: 18722 [redacted] Samples from State of: **NY**

Deliverables required: NYSDEC ASP B **Data Pkg DUE: 03/16/2018**

Chain-of-Custody Information

Tom Gabrielson	2/16/2018		2/17/18
Released By York Sample Control	Date	Received By	Date
Received By	Date	Received in Subcontract Lab By	Date

1.7 855

TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone (916) 373-5600 Fax (916) 372-1059

Chain of Custody Record

320-36192 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kellmann, Jill	COC No: 320-112421.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: jill.kellmann@testamericainc.com	State: New York — Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Oregon	Job #: 320-36192-1
Address: 30 Community Drive, Suite 11,	Due Date Requested: 3/13/2018		
City: South Burlington	TAT Requested (days):		
State, Zip: VT, 05403			
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:		
Email:	WO #:		
Project Name: PFAS, PWG RI	Project #: 32010589		
Site:	SSOW#:		

Analysis Requested

Field Filtered Sample (Yes or No) — Perform MS/MSD (Yes or No) — PFC_IDA/3535_IVWT (MOD) PFAS, Standard List (21 analytes) — Total Number of containers

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA/3535_IVWT (MOD) PFAS, Standard List (21 analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
18B0626-01 (320-36192-1)	2/15/18	15:00 Eastern		Water			X	2	
18B0626-04 (320-36192-2)	2/15/18	13:00 Eastern		Water			X	2	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

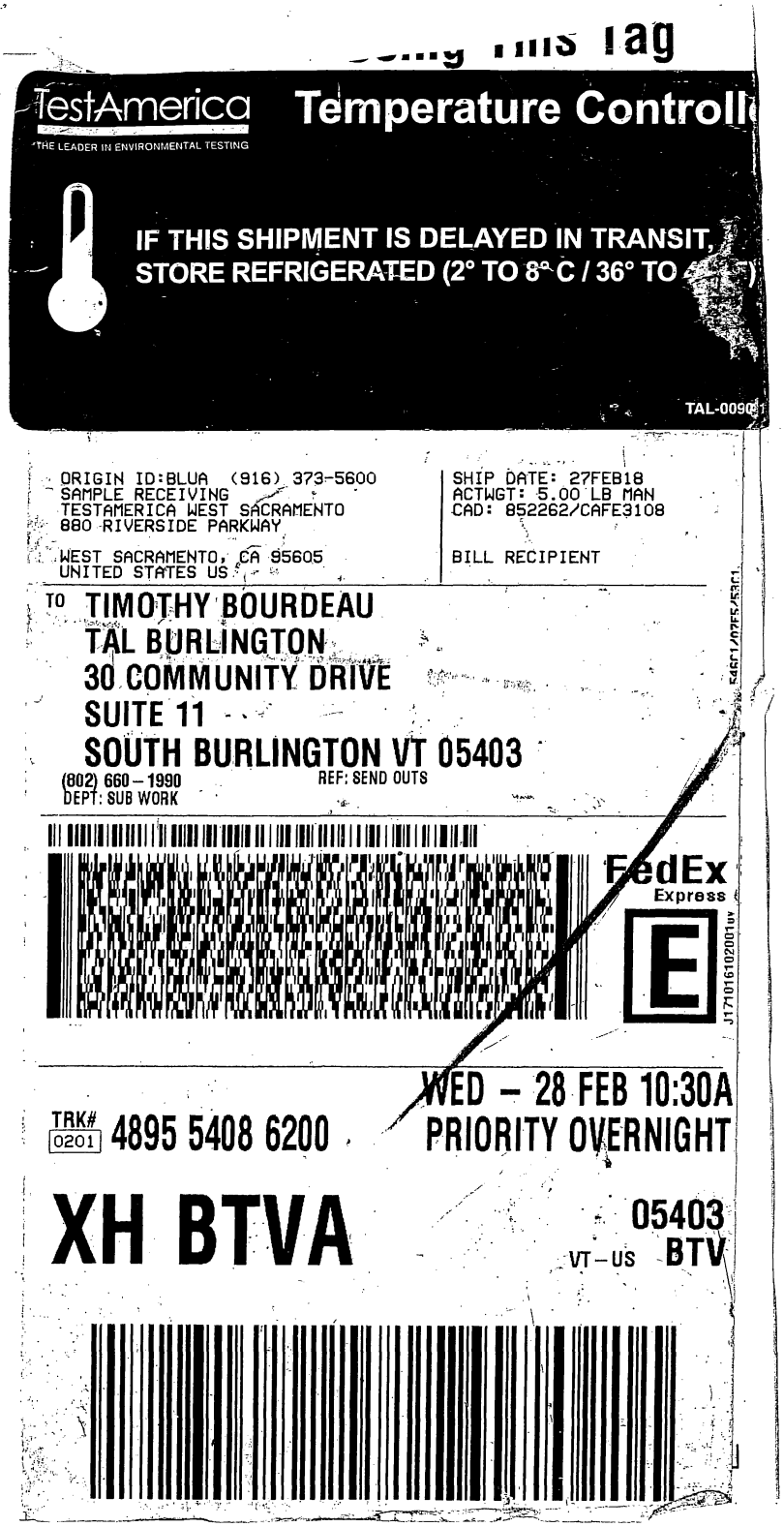
Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by: Jay A. Jay	Date/Time: 2/27/18 1630	Company TA - SAC	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/1/18 1030	Company TASAC

Custody Seals Intact: ☑ Yes ☐ No — Custody Seal No.: N/A

Cooler Temperature(s) °C and Other Remarks: 2.4

Ver: 09/20/2016



...ing This Tag

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature Controll

IF THIS SHIPMENT IS DELAYED IN TRANSIT,
STORE REFRIGERATED (2° TO 8° C / 36° TO

TAL-0090

ORIGIN ID:BLUA (916) 373-5600
SAMPLE RECEIVING
TESTAMERICA WEST SACRAMENTO
880 RIVERSIDE PARKWAY

WEST SACRAMENTO, CA 95605
UNITED STATES US

SHIP DATE: 27FEB18
ACTWGT: 5.00 LB MAN
CAD: 852262/CAFE3108

BILL RECIPIENT

TO TIMOTHY BOURDEAU
TAL BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
DEPT: SUB WORK

REF: SEND OUTS

FedEx Express

J17016102001uv

TRK# 0201 4895 5408 6200

WED - 28 FEB 10:30A
PRIORITY OVERNIGHT

XH BTVA

05403
VT-US BTV

Login Sample Receipt Checklist

Client: York Analytical Laboratories, Inc.

Job Number: 320-36192-1

Login Number: 36192
List Number: 1
Creator: Her, David A

List Source: TestAmerica Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: York Analytical Laboratories, Inc.

Job Number: 320-36192-1

Login Number: 36192
List Number: 2
Creator: Lavigne, Scott M

List Source: TestAmerica Burlington
List Creation: 03/01/18 11:36 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/26/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0704

Report Date: 02/26/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0704

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 19, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0704-01	SB111_0-2	Soil	02/17/2018	02/19/2018
18B0704-02	DUP06_021718	Soil	02/17/2018	02/19/2018
18B0704-04	SB111_13-15	Soil	02/17/2018	02/19/2018
18B0704-05	SB111_24-26	Soil	02/17/2018	02/19/2018
18B0704-06	EBFB05_021718	Water	02/17/2018	02/19/2018
18B0704-07	EBTB05_021718	Water	02/17/2018	02/19/2018

General Notes for York Project (SDG) No.: 18B0704

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/26/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0056**	SCAL-E, J	mg/kg dry	0.0045	0.0090	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*125 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.7 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/22/2018 07:30	02/22/2018 11:37	RDS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0961**		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.101**		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.0754**	J	mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0576**	J	mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0783**	J	mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0857**	J	mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.171**		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0503**	J	mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.107**		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.161**		mg/kg dry	0.0463	0.0925	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	02/22/2018 07:37	02/22/2018 22:58	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*56.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*52.1 %*	*23-114*

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*91.5 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*89.5 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*50.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/22/2018 07:37	02/22/2018 22:58	SR

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/22/2018 07:39	02/22/2018 18:24	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH	02/22/2018 07:39	02/22/2018 18:24	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:24	SA

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:24	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00911	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0923	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:35	LAB
							Certifications:			

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.9 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.3 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:14	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:14	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:14	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*107 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12400**		mg/kg dry	5.54	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.554	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.17**		mg/kg dry	1.11	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**62.8**		mg/kg dry	1.11	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.336**		mg/kg dry	0.111	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.333	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1610**		mg/kg dry	5.54	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.1**		mg/kg dry	0.554	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.10**		mg/kg dry	0.554	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**22.8**		mg/kg dry	0.554	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**17200**		mg/kg dry	2.22	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**39.3**		mg/kg dry	0.554	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2250**		mg/kg dry	5.54	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**445**		mg/kg dry	0.554	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.9**		mg/kg dry	0.554	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**627**		mg/kg dry	5.54	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**156**		mg/kg dry	11.1	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**28.1**		mg/kg dry	1.11	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**40.9**		mg/kg dry	1.66	1	EPA 6010C	02/20/2018 09:32	02/25/2018 17:58	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0931**		mg/kg dry	0.0333	1	EPA 7473	02/20/2018 09:27	02/20/2018 11:18	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	1	SM 2540G	02/22/2018 15:38	02/23/2018 10:14	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB111_0-2 **York Sample ID:** 18B0704-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 8:10 am	02/19/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	02/23/2018 08:01	02/23/2018 15:07	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.1**		mg/kg	0.500	1	Calculation	02/26/2018 12:44	02/26/2018 12:56	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	02/23/2018 10:52	02/23/2018 16:55	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0066**	J	mg/kg dry	0.0049	0.0098	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*122 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.0 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:21	RDS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0773**	J	mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.237**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.224**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.186**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.136**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.181**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.219**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0530**	J	mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.505**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.126**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.402**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.446**		mg/kg dry	0.0462	0.0921	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.369	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:28	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*51.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*47.0 %*	*23-114*

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*85.7 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.6 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*77.8 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*45.7 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/22/2018 07:37	02/23/2018 10:28	SR

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/22/2018 07:39	02/22/2018 18:38	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH	02/22/2018 07:39	02/22/2018 18:38	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:38	SA

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:38	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00911	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0923	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:38	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*57.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:59	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:59	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:59	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:59	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:59	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:59	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:59	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	02/22/2018 07:39	02/22/2018 19:59	LAB
							Certifications:			

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.1 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:26	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*60.2 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12000**		mg/kg dry	5.52	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.552	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.64**		mg/kg dry	1.10	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**56.9**		mg/kg dry	1.10	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.294**		mg/kg dry	0.110	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1500**		mg/kg dry	5.52	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.6**		mg/kg dry	0.552	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.09**		mg/kg dry	0.552	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**22.3**		mg/kg dry	0.552	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**16900**		mg/kg dry	2.21	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**32.2**		mg/kg dry	0.552	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2250**		mg/kg dry	5.52	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**410**		mg/kg dry	0.552	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**18.2**		mg/kg dry	0.552	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**635**		mg/kg dry	5.52	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**139**		mg/kg dry	11.0	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.2**		mg/kg dry	1.10	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**35.9**		mg/kg dry	1.66	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0921**		mg/kg dry	0.0331	1	EPA 7473	02/20/2018 09:27	02/20/2018 11:25	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	1	SM 2540G	02/22/2018 15:38	02/23/2018 10:14	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DUP06_021718 **York Sample ID:** 18B0704-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 12:00 am	02/19/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	02/23/2018 08:01	02/23/2018 15:07	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.6**		mg/kg	0.500	1	Calculation	02/26/2018 12:44	02/26/2018 12:56	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C	02/23/2018 10:52	02/23/2018 16:55	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0063**	SCAL-E, J	mg/kg dry	0.0047	0.0094	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0055**	J	mg/kg dry	0.0047	0.0094	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.2 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/21/2018 07:30	02/21/2018 17:48	RDS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0878	0.175	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0440	0.0878	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.351	2	EPA 8270D	02/22/2018 07:37	02/23/2018 10:59	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*50.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*47.2 %*	*23-114*

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*82.0 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.6 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*79.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*48.6 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/22/2018 07:37	02/23/2018 10:59	SR

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/22/2018 07:39	02/22/2018 18:53	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0348	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH	02/22/2018 07:39	02/22/2018 18:53	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 18:53	SA

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:53	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00871	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0882	5	EPA 8081B	02/22/2018 07:39	02/22/2018 18:53	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:23	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:23	LAB
							Certifications:			

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.8 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.1 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:39	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:39	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:39	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*94.0 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7710**		mg/kg dry	5.28	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.528	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.33**		mg/kg dry	1.06	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**51.7**		mg/kg dry	1.06	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.106	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2230**		mg/kg dry	5.28	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**29.9**		mg/kg dry	0.528	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.55**		mg/kg dry	0.528	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**26.8**		mg/kg dry	0.528	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13700**		mg/kg dry	2.11	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**5.97**		mg/kg dry	0.528	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3310**		mg/kg dry	5.28	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**354**		mg/kg dry	0.528	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**29.3**		mg/kg dry	0.528	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1650**		mg/kg dry	5.28	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.06	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.528	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**201**		mg/kg dry	10.6	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.06	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.3**		mg/kg dry	1.06	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**36.4**		mg/kg dry	1.58	1	EPA 6010C	02/20/2018 09:32	02/25/2018 18:10	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0317	1	EPA 7473	02/20/2018 09:27	02/20/2018 10:18	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.7**		%	0.100	1	SM 2540G	02/22/2018 15:38	02/23/2018 10:14	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB111_13-15 **York Sample ID:** 18B0704-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 9:35 am	02/19/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A	02/23/2018 08:01	02/23/2018 15:07	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**29.9**		mg/kg	0.500	1	Calculation	02/26/2018 12:44	02/26/2018 12:56	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.528	1	EPA 9014/9010C	02/23/2018 10:52	02/23/2018 16:55	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0063**	SCAL-E, J	mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*127 %*	S-DUP, S-HI	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*		*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.6 %*		*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:04	RDS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0895	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*58.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*55.2 %*	*23-114*

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*87.9 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.3 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*89.2 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*53.3 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	02/22/2018 07:37	02/23/2018 12:34	SR
								Certifications:			

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00882	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0893	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:08	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:47	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	02/22/2018 07:39	02/22/2018 20:47	LAB
							Certifications:			

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.3 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.7 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:52	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:52	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	02/22/2018 04:23	02/22/2018 14:52	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*116 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6510**		mg/kg dry	5.36	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.536	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.50**		mg/kg dry	1.07	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**61.3**		mg/kg dry	1.07	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.322	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1800**		mg/kg dry	5.36	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.5**		mg/kg dry	0.536	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.47**		mg/kg dry	0.536	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**39.0**		mg/kg dry	0.536	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**13500**		mg/kg dry	2.15	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**7.87**		mg/kg dry	0.536	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**6410**		mg/kg dry	5.36	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**423**		mg/kg dry	0.536	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**50.9**		mg/kg dry	0.536	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2270**		mg/kg dry	5.36	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.536	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/kg dry	10.7	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.1**		mg/kg dry	1.07	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**37.7**		mg/kg dry	1.61	1	EPA 6010C	02/21/2018 09:58	02/21/2018 12:53	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0322	1	EPA 7473	02/21/2018 09:54	02/21/2018 11:55	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.2**		%	0.100	1	SM 2540G	02/22/2018 15:38	02/23/2018 10:14	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB111_24-26 **York Sample ID:** 18B0704-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Soil	February 17, 2018 2:20 pm	02/19/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.536	1	EPA 7196A	02/23/2018 08:01	02/23/2018 15:07	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.5**		mg/kg	0.500	1	Calculation	02/26/2018 12:44	02/26/2018 12:56	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.536	1	EPA 9014/9010C	02/23/2018 10:52	02/23/2018 16:55	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **EBFB05_021718** **York Sample ID:** **18B0704-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.21**	ICV-E, SCAL-E	ug/L	1.00	2.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.56**		ug/L	0.500	2.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Hexadecane isomer**	**7.8**	N	ug/L		1	EPA 8260C	02/22/2018 16:32	02/23/2018 08:39	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*18.2 %*	S-08	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*11.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.0 %*		*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*47.2 %*		*39.9-105*

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*69.4 %*			*39.3-151*						
1718-51-0	*Surrogate: Terphenyl-d14*	*37.5 %*			*30.7-106*						

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.108**		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/22/2018 14:45	02/23/2018 13:52	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**methyl propyl cyclohexane isomer**	**5.38**	N	ug/L			1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:			
NA	**pentamethyl cyclopentane isomer**	**10.0**	N	ug/L			1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:			
NA	**trimethyl Hexane isomer**	**4.62**	N	ug/L			1	EPA 8270D	02/22/2018 14:45	02/23/2018 21:15	SR
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	02/20/2018 12:18	02/22/2018 16:10	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A	02/20/2018 12:18	02/23/2018 12:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A	02/20/2018 12:18	02/23/2018 12:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A	02/20/2018 12:18	02/23/2018 12:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A	02/20/2018 12:18	02/23/2018 12:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	02/20/2018 12:18	02/23/2018 12:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	02/20/2018 12:18	02/23/2018 12:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	02/20/2018 12:18	02/23/2018 12:21	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	02/20/2018 12:18	02/23/2018 12:21	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.6 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/23/2018 04:28	02/23/2018 11:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/23/2018 04:28	02/23/2018 11:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/23/2018 04:28	02/23/2018 11:38	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*135 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.0140**		mg/L	0.0100	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.0444	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**0.116**	B	mg/L	0.111	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0188**		mg/L	0.0167	1	EPA 6010C	02/23/2018 09:47	02/25/2018 02:33	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:36	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: EBFB05_021718 **York Sample ID:** 18B0704-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 4:20 pm	02/19/2018

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	02/22/2018 09:51	02/22/2018 15:28	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	02/21/2018 11:51	02/21/2018 13:03	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/26/2018 12:46	02/26/2018 12:56	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/22/2018 14:06	02/22/2018 17:40	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB05_021718 **York Sample ID:** 18B0704-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 12:00 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB05_021718 **York Sample ID:** 18B0704-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 12:00 am	02/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB05_021718 **York Sample ID:** 18B0704-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 12:00 am	02/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.00	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: EBTB05_021718 **York Sample ID:** 18B0704-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0704	170384501	Water	February 17, 2018 12:00 am	02/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.3 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/22/2018 16:32	02/23/2018 09:10	SS
							Certifications:			

Analytical Batch Summary

Batch ID: BB80838 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/20/18
18B0704-02	DUP06_021718	02/20/18
18B0704-04	SB111_13-15	02/20/18
BB80838-BLK1	Blank	02/20/18
BB80838-DUP1	Duplicate	02/20/18
BB80838-MS1	Matrix Spike	02/20/18
BB80838-SRM1	Reference	02/20/18

Batch ID: BB80840 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/20/18
18B0704-02	DUP06_021718	02/20/18
18B0704-04	SB111_13-15	02/20/18
BB80840-BLK1	Blank	02/20/18
BB80840-DUP1	Duplicate	02/20/18
BB80840-MS1	Matrix Spike	02/20/18
BB80840-SRM1	Reference	02/20/18

Batch ID: BB80861 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/20/18
18B0704-06	EBFB05_021718	02/20/18
BB80861-BLK1	Blank	02/20/18
BB80861-BLK2	Blank	02/20/18
BB80861-BS1	LCS	02/20/18
BB80861-BS2	LCS	02/20/18
BB80861-BSD1	LCS Dup	02/20/18
BB80861-BSD2	LCS Dup	02/20/18

Batch ID: BB80905 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-02	DUP06_021718	02/21/18
18B0704-04	SB111_13-15	02/21/18
BB80905-BLK1	Blank	02/21/18
BB80905-BLK2	Blank	02/21/18
BB80905-BS1	LCS	02/21/18
BB80905-BSD1	LCS Dup	02/21/18
BB80905-MS1	Matrix Spike	02/21/18
BB80905-MSD1	Matrix Spike Dup	02/21/18

Batch ID: BB80929 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-05	SB111_24-26	02/21/18
BB80929-BLK1	Blank	02/21/18
BB80929-SRM1	Reference	02/21/18

Batch ID: BB80930 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-05	SB111_24-26	02/21/18
BB80930-BLK1	Blank	02/21/18
BB80930-DUP1	Duplicate	02/21/18
BB80930-MS1	Matrix Spike	02/21/18
BB80930-SRM1	Reference	02/21/18

Batch ID: BB80937 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/21/18
BB80937-BLK1	Blank	02/21/18
BB80937-BS1	LCS	02/21/18
BB80937-DUP1	Duplicate	02/21/18
BB80937-MS1	Matrix Spike	02/21/18

Batch ID: BB80975 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/22/18
18B0704-02	DUP06_021718	02/22/18
18B0704-04	SB111_13-15	02/22/18
18B0704-05	SB111_24-26	02/22/18
BB80975-BLK1	Blank	02/22/18
BB80975-BS1	LCS	02/22/18

Batch ID: BB80976 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/22/18
18B0704-01	SB111_0-2	02/22/18
18B0704-02	DUP06_021718	02/22/18
18B0704-02	DUP06_021718	02/22/18
18B0704-04	SB111_13-15	02/22/18
18B0704-04	SB111_13-15	02/22/18
18B0704-05	SB111_24-26	02/22/18
18B0704-05	SB111_24-26	02/22/18
BB80976-BLK1	Blank	02/22/18
BB80976-BLK1	Blank	02/22/18
BB80976-BS1	LCS	02/22/18

BB80976-MS1	Matrix Spike	02/22/18
BB80976-MSD1	Matrix Spike Dup	02/22/18

Batch ID: BB80977 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/22/18
18B0704-01	SB111_0-2	02/22/18
18B0704-02	DUP06_021718	02/22/18
18B0704-02	DUP06_021718	02/22/18
18B0704-04	SB111_13-15	02/22/18
18B0704-04	SB111_13-15	02/22/18
18B0704-05	SB111_24-26	02/22/18
18B0704-05	SB111_24-26	02/22/18
BB80977-BLK1	Blank	02/22/18
BB80977-BLK2	Blank	02/22/18
BB80977-BS1	LCS	02/22/18
BB80977-BS2	LCS	02/22/18
BB80977-MS1	Matrix Spike	02/22/18
BB80977-MS2	Matrix Spike	02/22/18
BB80977-MSD1	Matrix Spike Dup	02/22/18
BB80977-MSD2	Matrix Spike Dup	02/22/18

Batch ID: BB80987 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/22/18
18B0704-07	EBTB05_021718	02/22/18
BB80987-BLK1	Blank	02/22/18
BB80987-BS1	LCS	02/22/18
BB80987-BSD1	LCS Dup	02/22/18

Batch ID: BB80994 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/22/18
BB80994-BLK1	Blank	02/22/18
BB80994-SRM1	Reference	02/22/18

Batch ID: BB81022 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/22/18
BB81022-BLK1	Blank	02/22/18
BB81022-BS1	LCS	02/22/18
BB81022-DUP1	Duplicate	02/22/18
BB81022-MS1	Matrix Spike	02/22/18

Batch ID: BB81025 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/22/18
18B0704-06	EBFB05_021718	02/22/18
BB81025-BLK1	Blank	02/22/18
BB81025-BLK1	Blank	02/22/18
BB81025-BLK2	Blank	02/22/18
BB81025-BS1	LCS	02/22/18
BB81025-BS2	LCS	02/22/18
BB81025-BSD1	LCS Dup	02/22/18

Batch ID: BB81027 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/22/18
18B0704-02	DUP06_021718	02/22/18
18B0704-04	SB111_13-15	02/22/18
18B0704-05	SB111_24-26	02/22/18
BB81027-DUP1	Duplicate	02/22/18

Batch ID: BB81042 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/23/18
BB81042-BLK1	Blank	02/23/18
BB81042-BS1	LCS	02/23/18
BB81042-BSD1	LCS Dup	02/23/18

Batch ID: BB81052 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/23/18
18B0704-02	DUP06_021718	02/23/18
18B0704-04	SB111_13-15	02/23/18
18B0704-05	SB111_24-26	02/23/18
BB81052-BLK1	Blank	02/23/18
BB81052-DUP1	Duplicate	02/23/18
BB81052-MS1	Matrix Spike	02/23/18
BB81052-SRM1	Reference	02/23/18

Batch ID: BB81061 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/23/18
BB81061-BLK1	Blank	02/23/18
BB81061-SRM1	Reference	02/23/18

Batch ID: BB81062 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/23/18
BB81062-BLK1	Blank	02/23/18
BB81062-BS1	LCS	02/23/18

Batch ID: BB81064 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/23/18
18B0704-02	DUP06_021718	02/23/18
18B0704-04	SB111_13-15	02/23/18
18B0704-05	SB111_24-26	02/23/18
BB81064-BLK1	Blank	02/23/18
BB81064-DUP1	Duplicate	02/23/18
BB81064-MS1	Matrix Spike	02/23/18
BB81064-SRM1	Reference	02/23/18

Batch ID: BB81085 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/22/18
18B0704-05	SB111_24-26	02/22/18
BB81085-BLK1	Blank	02/22/18
BB81085-BLK2	Blank	02/22/18
BB81085-BS1	LCS	02/22/18
BB81085-BSD1	LCS Dup	02/22/18

Batch ID: BB81142 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-01	SB111_0-2	02/26/18
18B0704-02	DUP06_021718	02/26/18
18B0704-04	SB111_13-15	02/26/18
18B0704-05	SB111_24-26	02/26/18

Batch ID: BB81143 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0704-06	EBFB05_021718	02/26/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80905 - EPA 5035A											
Blank (BB80905-BLK1)											
Prepared & Analyzed: 02/21/2018											
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80905 - EPA 5035A											
Blank (BB80905-BLK1)									Prepared & Analyzed: 02/21/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*59.0*		*ug/L*	*50.0*		*118*	*77-125*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.7*		*"*	*50.0*		*93.4*	*76-130*				
Blank (BB80905-BLK2)									Prepared & Analyzed: 02/21/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80905 - EPA 5035A											
Blank (BB80905-BLK2)									Prepared & Analyzed: 02/21/2018		
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*58.3*		*ug/L*	*50.0*		*117*	*77-125*				
Surrogate: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*45.5*		*"*	*50.0*		*91.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80905 - EPA 5035A											
LCS (BB80905-BS1)								Prepared & Analyzed: 02/21/2018			
1,1,1,2-Tetrachloroethane	50.4		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	53.0		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	48.2		"	50.0		96.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.1		"	50.0		102	58-146				
1,1,2-Trichloroethane	46.4		"	50.0		92.9	83-123				
1,1-Dichloroethane	50.4		"	50.0		101	75-130				
1,1-Dichloroethylene	53.0		"	50.0		106	64-137				
1,2,3-Trichlorobenzene	47.8		"	50.0		95.7	81-140				
1,2,3-Trichloropropane	51.8		"	50.0		104	81-126				
1,2,4-Trichlorobenzene	45.8		"	50.0		91.7	80-141				
1,2,4-Trimethylbenzene	50.2		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	50.7		"	50.0		101	74-142				
1,2-Dibromoethane	48.4		"	50.0		96.8	86-123				
1,2-Dichlorobenzene	48.8		"	50.0		97.5	85-122				
1,2-Dichloroethane	51.0		"	50.0		102	71-133				
1,2-Dichloropropane	50.9		"	50.0		102	81-122				
1,3,5-Trimethylbenzene	49.1		"	50.0		98.2	82-126				
1,3-Dichlorobenzene	46.9		"	50.0		93.8	84-124				
1,4-Dichlorobenzene	46.4		"	50.0		92.7	84-124				
1,4-Dioxane	936		"	1050		89.2	10-228				
2-Butanone	48.2		"	50.0		96.4	58-147				
2-Hexanone	46.1		"	50.0		92.3	70-139				
4-Methyl-2-pentanone	49.2		"	50.0		98.3	72-132				
Acetone	41.4		"	50.0		82.8	36-155				
Acrolein	23.4		"	50.0		46.7	10-238				
Acrylonitrile	42.8		"	50.0		85.7	66-141				
Benzene	48.1		"	50.0		96.1	77-127				
Bromochloromethane	47.9		"	50.0		95.9	74-129				
Bromodichloromethane	52.4		"	50.0		105	81-124				
Bromoform	47.6		"	50.0		95.3	80-136				
Bromomethane	63.1		"	50.0		126	32-177				
Carbon disulfide	53.3		"	50.0		107	10-136				
Carbon tetrachloride	56.1		"	50.0		112	66-143				
Chlorobenzene	49.3		"	50.0		98.5	86-120				
Chloroethane	57.2		"	50.0		114	51-142				
Chloroform	49.6		"	50.0		99.2	76-131				
Chloromethane	58.7		"	50.0		117	49-132				
cis-1,2-Dichloroethylene	44.8		"	50.0		89.5	74-132				
cis-1,3-Dichloropropylene	51.4		"	50.0		103	81-129				
Cyclohexane	47.4		"	50.0		94.7	70-130				
Dibromochloromethane	51.4		"	50.0		103	10-200				
Dibromomethane	52.6		"	50.0		105	83-124				
Dichlorodifluoromethane	72.5		"	50.0		145	28-158				
Ethyl Benzene	50.5		"	50.0		101	84-125				
Hexachlorobutadiene	51.8		"	50.0		104	83-133				
Isopropylbenzene	49.8		"	50.0		99.7	81-127				
Methyl acetate	42.0		"	50.0		83.9	41-143				
Methyl tert-butyl ether (MTBE)	48.8		"	50.0		97.5	74-131				
Methylcyclohexane	49.6		"	50.0		99.2	70-130				
Methylene chloride	45.8		"	50.0		91.6	57-141				
n-Butylbenzene	50.0		"	50.0		99.9	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

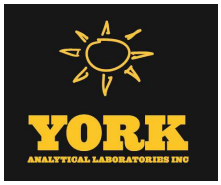
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80905 - EPA 5035A											
LCS (BB80905-BS1)								Prepared & Analyzed: 02/21/2018			
n-Propylbenzene	50.8		ug/L	50.0		102	74-136				
o-Xylene	50.5		"	50.0		101	83-123				
p- & m- Xylenes	97.6		"	100		97.6	82-128				
p-Isopropyltoluene	50.1		"	50.0		100	85-125				
sec-Butylbenzene	52.9		"	50.0		106	83-125				
Styrene	43.7		"	50.0		87.5	86-126				
tert-Butyl alcohol (TBA)	234		"	250		93.7	70-130				
tert-Butylbenzene	50.9		"	50.0		102	80-127				
Tetrachloroethylene	47.7		"	50.0		95.3	80-129				
Toluene	48.3		"	50.0		96.6	85-121				
trans-1,2-Dichloroethylene	49.6		"	50.0		99.3	72-132				
trans-1,3-Dichloropropylene	51.8		"	50.0		104	78-132				
Trichloroethylene	52.2		"	50.0		104	84-123				
Trichlorofluoromethane	64.4		"	50.0		129	62-140				
Vinyl Chloride	59.0		"	50.0		118	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.6*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BB80905-BSD1)								Prepared & Analyzed: 02/21/2018			
1,1,1,2-Tetrachloroethane	50.7		ug/L	50.0		101	75-129		0.613	30	
1,1,1-Trichloroethane	54.8		"	50.0		110	71-137		3.34	30	
1,1,2,2-Tetrachloroethane	47.6		"	50.0		95.3	79-129		1.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.5		"	50.0		111	58-146		8.22	30	
1,1,2-Trichloroethane	45.5		"	50.0		90.9	83-123		2.11	30	
1,1-Dichloroethane	52.7		"	50.0		105	75-130		4.52	30	
1,1-Dichloroethylene	55.3		"	50.0		111	64-137		4.32	30	
1,2,3-Trichlorobenzene	47.6		"	50.0		95.2	81-140		0.545	30	
1,2,3-Trichloropropane	47.8		"	50.0		95.6	81-126		8.09	30	
1,2,4-Trichlorobenzene	48.9		"	50.0		97.8	80-141		6.46	30	
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125		0.239	30	
1,2-Dibromo-3-chloropropane	54.1		"	50.0		108	74-142		6.39	30	
1,2-Dibromoethane	49.8		"	50.0		99.7	86-123		2.91	30	
1,2-Dichlorobenzene	49.6		"	50.0		99.1	85-122		1.61	30	
1,2-Dichloroethane	55.6		"	50.0		111	71-133		8.67	30	
1,2-Dichloropropane	49.7		"	50.0		99.5	81-122		2.29	30	
1,3,5-Trimethylbenzene	50.7		"	50.0		101	82-126		3.09	30	
1,3-Dichlorobenzene	48.8		"	50.0		97.5	84-124		3.93	30	
1,4-Dichlorobenzene	47.6		"	50.0		95.2	84-124		2.64	30	
1,4-Dioxane	924		"	1050		88.0	10-228		1.34	30	
2-Butanone	51.1		"	50.0		102	58-147		5.80	30	
2-Hexanone	43.6		"	50.0		87.3	70-139		5.55	30	
4-Methyl-2-pentanone	45.9		"	50.0		91.8	72-132		6.84	30	
Acetone	41.2		"	50.0		82.4	36-155		0.484	30	
Acrolein	25.0		"	50.0		50.0	10-238		6.83	30	
Acrylonitrile	45.9		"	50.0		91.8	66-141		6.90	30	
Benzene	50.9		"	50.0		102	77-127		5.70	30	
Bromochloromethane	50.7		"	50.0		101	74-129		5.68	30	
Bromodichloromethane	52.1		"	50.0		104	81-124		0.593	30	
Bromoform	50.2		"	50.0		100	80-136		5.27	30	
Bromomethane	67.3		"	50.0		135	32-177		6.50	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80905 - EPA 5035A											
LCS Dup (BB80905-BSD1)							Prepared & Analyzed: 02/21/2018				
Carbon disulfide	55.2		ug/L	50.0		110	10-136		3.59	30	
Carbon tetrachloride	58.5		"	50.0		117	66-143		4.28	30	
Chlorobenzene	50.0		"	50.0		100	86-120		1.47	30	
Chloroethane	62.9		"	50.0		126	51-142		9.56	30	
Chloroform	52.9		"	50.0		106	76-131		6.48	30	
Chloromethane	61.4		"	50.0		123	49-132		4.49	30	
cis-1,2-Dichloroethylene	46.3		"	50.0		92.7	74-132		3.45	30	
cis-1,3-Dichloropropylene	51.9		"	50.0		104	81-129		0.910	30	
Cyclohexane	49.3		"	50.0		98.6	70-130		3.95	30	
Dibromochloromethane	52.0		"	50.0		104	10-200		1.04	30	
Dibromomethane	49.9		"	50.0		99.8	83-124		5.29	30	
Dichlorodifluoromethane	77.2		"	50.0		154	28-158		6.39	30	
Ethyl Benzene	50.2		"	50.0		100	84-125		0.676	30	
Hexachlorobutadiene	52.5		"	50.0		105	83-133		1.32	30	
Isopropylbenzene	50.6		"	50.0		101	81-127		1.49	30	
Methyl acetate	48.0		"	50.0		96.1	41-143		13.5	30	
Methyl tert-butyl ether (MTBE)	51.4		"	50.0		103	74-131		5.27	30	
Methylcyclohexane	48.9		"	50.0		97.8	70-130		1.42	30	
Methylene chloride	49.9		"	50.0		99.8	57-141		8.55	30	
n-Butylbenzene	50.6		"	50.0		101	80-130		1.33	30	
n-Propylbenzene	51.4		"	50.0		103	74-136		1.14	30	
o-Xylene	50.2		"	50.0		100	83-123		0.715	30	
p- & m- Xylenes	99.0		"	100		99.0	82-128		1.39	30	
p-Isopropyltoluene	52.2		"	50.0		104	85-125		4.03	30	
sec-Butylbenzene	53.4		"	50.0		107	83-125		1.05	30	
Styrene	43.5		"	50.0		87.0	86-126		0.504	30	
tert-Butyl alcohol (TBA)	247		"	250		98.6	70-130		5.14	30	
tert-Butylbenzene	50.8		"	50.0		102	80-127		0.118	30	
Tetrachloroethylene	47.8		"	50.0		95.5	80-129		0.189	30	
Toluene	48.9		"	50.0		97.9	85-121		1.27	30	
trans-1,2-Dichloroethylene	52.6		"	50.0		105	72-132		5.73	30	
trans-1,3-Dichloropropylene	52.2		"	50.0		104	78-132		0.827	30	
Trichloroethylene	53.4		"	50.0		107	84-123		2.27	30	
Trichlorofluoromethane	69.1		"	50.0		138	62-140		7.12	30	
Vinyl Chloride	63.3		"	50.0		127	52-130		7.08	30	
Surrogate: 1,2-Dichloroethane-d4	*53.5*		*"*	*50.0*		*107*	*77-125*				
Surrogate: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.5*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80905 - EPA 5035A											
Matrix Spike (BB80905-MS1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared & Analyzed: 02/21/2018			
1,1,1,2-Tetrachloroethane	41.9		ug/L	50.0	0.00	83.8	15-161				
1,1,1-Trichloroethane	44.3		"	50.0	0.00	88.6	42-145				
1,1,2,2-Tetrachloroethane	42.1		"	50.0	0.00	84.1	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.8		"	50.0	0.00	85.6	11-160				
1,1,2-Trichloroethane	40.3		"	50.0	0.00	80.7	44-145				
1,1-Dichloroethane	43.2		"	50.0	0.00	86.4	46-142				
1,1-Dichloroethylene	44.1		"	50.0	0.00	88.2	30-153				
1,2,3-Trichlorobenzene	36.7		"	50.0	0.00	73.4	10-157				
1,2,3-Trichloropropane	41.8		"	50.0	0.00	83.7	38-155				
1,2,4-Trichlorobenzene	36.2		"	50.0	0.00	72.4	10-151				
1,2,4-Trimethylbenzene	42.0		"	50.0	0.00	84.0	10-170				
1,2-Dibromo-3-chloropropane	43.6		"	50.0	0.00	87.2	36-138				
1,2-Dibromoethane	42.2		"	50.0	0.00	84.4	40-142				
1,2-Dichlorobenzene	40.9		"	50.0	0.00	81.8	10-147				
1,2-Dichloroethane	46.5		"	50.0	0.00	93.0	48-133				
1,2-Dichloropropane	42.1		"	50.0	0.00	84.2	47-141				
1,3,5-Trimethylbenzene	42.3		"	50.0	0.00	84.5	10-150				
1,3-Dichlorobenzene	38.3		"	50.0	0.00	76.7	10-144				
1,4-Dichlorobenzene	38.3		"	50.0	0.00	76.6	10-160				
1,4-Dioxane	795		"	1050	0.00	75.7	10-191				
2-Butanone	43.6		"	50.0	0.00	87.3	10-189				
2-Hexanone	38.1		"	50.0	0.00	76.3	10-181				
4-Methyl-2-pentanone	40.8		"	50.0	0.00	81.6	10-166				
Acetone	39.8		"	50.0	7.32	64.9	10-196				
Acrolein	14.7		"	50.0	0.00	29.4	10-192				
Acrylonitrile	36.4		"	50.0	0.00	72.7	13-161				
Benzene	40.3		"	50.0	0.00	80.7	43-139				
Bromochloromethane	41.2		"	50.0	0.00	82.5	38-145				
Bromodichloromethane	43.6		"	50.0	0.00	87.3	38-147				
Bromoform	42.7		"	50.0	0.00	85.4	29-156				
Bromomethane	46.9		"	50.0	0.00	93.9	10-166				
Carbon disulfide	42.3		"	50.0	0.00	84.6	10-131				
Carbon tetrachloride	46.6		"	50.0	0.00	93.2	35-145				
Chlorobenzene	40.6		"	50.0	0.00	81.2	21-154				
Chloroethane	43.4		"	50.0	0.00	86.8	15-160				
Chloroform	43.4		"	50.0	0.00	86.9	47-142				
Chloromethane	40.5		"	50.0	0.00	81.0	10-159				
cis-1,2-Dichloroethylene	38.6		"	50.0	0.00	77.2	42-144				
cis-1,3-Dichloropropylene	41.3		"	50.0	0.00	82.6	18-159				
Cyclohexane	38.5		"	50.0	0.00	77.0	70-130				
Dibromochloromethane	44.3		"	50.0	0.00	88.6	10-179				
Dibromomethane	44.1		"	50.0	0.00	88.2	47-143				
Dichlorodifluoromethane	42.8		"	50.0	0.00	85.7	10-145				
Ethyl Benzene	41.2		"	50.0	0.00	82.4	11-158				
Hexachlorobutadiene	42.2		"	50.0	0.00	84.5	10-158				
Isopropylbenzene	41.6		"	50.0	0.00	83.2	10-162				
Methyl acetate	41.3		"	50.0	0.00	82.7	10-149				
Methyl tert-butyl ether (MTBE)	44.0		"	50.0	0.00	88.1	42-152				
Methylcyclohexane	38.3		"	50.0	0.00	76.6	70-130				
Methylene chloride	42.0		"	50.0	6.31	71.4	28-151				
n-Butylbenzene	41.3		"	50.0	0.00	82.6	10-162				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80905 - EPA 5035A											
Matrix Spike (BB80905-MS1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared & Analyzed: 02/21/2018			
n-Propylbenzene	42.3		ug/L	50.0	0.00	84.6	10-155				
o-Xylene	42.7		"	50.0	0.00	85.4	10-158				
p- & m- Xylenes	81.0		"	100	0.00	81.0	10-156				
p-Isopropyltoluene	43.2		"	50.0	0.00	86.4	10-147				
sec-Butylbenzene	44.1		"	50.0	0.00	88.3	10-157				
Styrene	36.5		"	50.0	0.00	73.0	13-171				
tert-Butyl alcohol (TBA)	213		"	250	0.00	85.1	34-179				
tert-Butylbenzene	42.8		"	50.0	0.00	85.5	10-160				
Tetrachloroethylene	37.0		"	50.0	0.00	74.0	30-167				
Toluene	39.0		"	50.0	0.00	78.1	21-160				
trans-1,2-Dichloroethylene	42.1		"	50.0	0.00	84.2	29-153				
trans-1,3-Dichloropropylene	43.1		"	50.0	0.00	86.2	18-155				
Trichloroethylene	43.4		"	50.0	0.00	86.7	24-169				
Trichlorofluoromethane	50.3		"	50.0	0.00	101	35-142				
Vinyl Chloride	43.3		"	50.0	0.00	86.6	12-160				
Surrogate: 1,2-Dichloroethane-d4	*55.6*		*"*	*50.0*		*111*	*77-125*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.3*	*76-130*				
Matrix Spike Dup (BB80905-MSD1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared & Analyzed: 02/21/2018			
1,1,1,2-Tetrachloroethane	48.5		ug/L	50.0	0.00	97.1	15-161		14.6	33	
1,1,1-Trichloroethane	50.0		"	50.0	0.00	99.9	42-145		12.0	30	
1,1,2,2-Tetrachloroethane	45.2		"	50.0	0.00	90.4	16-167		7.15	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.4		"	50.0	0.00	92.9	11-160		8.13	31	
1,1,2-Trichloroethane	44.0		"	50.0	0.00	88.0	44-145		8.72	40	
1,1-Dichloroethane	48.8		"	50.0	0.00	97.6	46-142		12.2	36	
1,1-Dichloroethylene	48.6		"	50.0	0.00	97.3	30-153		9.75	31	
1,2,3-Trichlorobenzene	38.5		"	50.0	0.00	77.0	10-157		4.78	47	
1,2,3-Trichloropropane	48.5		"	50.0	0.00	97.1	38-155		14.9	48	
1,2,4-Trichlorobenzene	36.6		"	50.0	0.00	73.2	10-151		1.02	52	
1,2,4-Trimethylbenzene	45.8		"	50.0	0.00	91.6	10-170		8.59	242	
1,2-Dibromo-3-chloropropane	50.3		"	50.0	0.00	101	36-138		14.4	54	
1,2-Dibromoethane	45.2		"	50.0	0.00	90.5	40-142		6.91	39	
1,2-Dichlorobenzene	44.5		"	50.0	0.00	88.9	10-147		8.32	52	
1,2-Dichloroethane	53.1		"	50.0	0.00	106	48-133		13.3	32	
1,2-Dichloropropane	47.7		"	50.0	0.00	95.4	47-141		12.5	37	
1,3,5-Trimethylbenzene	45.7		"	50.0	0.00	91.4	10-150		7.78	62	
1,3-Dichlorobenzene	41.5		"	50.0	0.00	83.1	10-144		8.01	51	
1,4-Dichlorobenzene	40.9		"	50.0	0.00	81.8	10-160		6.54	52	
1,4-Dioxane	915		"	1050	0.00	87.2	10-191		14.0	196	
2-Butanone	52.5		"	50.0	0.00	105	10-189		18.4	67	
2-Hexanone	41.3		"	50.0	0.00	82.6	10-181		7.98	60	
4-Methyl-2-pentanone	45.0		"	50.0	0.00	90.1	10-166		9.90	47	
Acetone	43.6		"	50.0	7.00	73.2	10-196		9.19	150	
Acrolein	15.3		"	50.0	0.00	30.7	10-192		4.13	128	
Acrylonitrile	37.8		"	50.0	0.00	75.7	13-161		3.99	48	
Benzene	45.9		"	50.0	0.00	91.8	43-139		12.9	64	
Bromochloromethane	45.8		"	50.0	0.00	91.5	38-145		10.4	30	
Bromodichloromethane	48.5		"	50.0	0.00	97.0	38-147		10.6	37	
Bromoform	45.4		"	50.0	0.00	90.9	29-156		6.17	51	
Bromomethane	52.6		"	50.0	0.00	105	10-166		11.3	42	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80905 - EPA 5035A											
Matrix Spike Dup (BB80905-MSD1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared & Analyzed: 02/21/2018			
Carbon disulfide	47.4		ug/L	50.0	0.00	94.7	10-131		11.3	36	
Carbon tetrachloride	53.7		"	50.0	0.00	107	35-145		14.2	31	
Chlorobenzene	44.3		"	50.0	0.00	88.7	21-154		8.76	32	
Chloroethane	51.3		"	50.0	0.00	103	15-160		16.7	40	
Chloroform	48.8		"	50.0	0.00	97.7	47-142		11.7	29	
Chloromethane	45.1		"	50.0	0.00	90.2	10-159		10.8	31	
cis-1,2-Dichloroethylene	41.6		"	50.0	0.00	83.3	42-144		7.58	30	
cis-1,3-Dichloropropylene	47.1		"	50.0	0.00	94.2	18-159		13.1	39	
Cyclohexane	42.6		"	50.0	0.00	85.2	70-130		10.1	30	
Dibromochloromethane	48.3		"	50.0	0.00	96.7	10-179		8.75	41	
Dibromomethane	47.3		"	50.0	0.00	94.5	47-143		6.90	41	
Dichlorodifluoromethane	47.4		"	50.0	0.00	94.7	10-145		10.0	34	
Ethyl Benzene	44.8		"	50.0	0.00	89.6	11-158		8.40	42	
Hexachlorobutadiene	41.4		"	50.0	0.00	82.8	10-158		1.96	45	
Isopropylbenzene	46.3		"	50.0	0.00	92.7	10-162		10.7	57	
Methyl acetate	44.0		"	50.0	0.00	88.0	10-149		6.30	64	
Methyl tert-butyl ether (MTBE)	48.5		"	50.0	0.00	97.1	42-152		9.74	47	
Methylcyclohexane	42.0		"	50.0	0.00	84.0	70-130		9.27	30	
Methylene chloride	47.8		"	50.0	6.03	83.6	28-151		13.0	49	
n-Butylbenzene	42.7		"	50.0	0.00	85.4	10-162		3.43	96	
n-Propylbenzene	45.6		"	50.0	0.00	91.1	10-155		7.44	56	
o-Xylene	46.3		"	50.0	0.00	92.5	10-158		8.07	51	
p- & m- Xylenes	89.5		"	100	0.00	89.5	10-156		9.91	47	
p-Isopropyltoluene	45.5		"	50.0	0.00	91.1	10-147		5.30	60	
sec-Butylbenzene	47.7		"	50.0	0.00	95.3	10-157		7.71	56	
Styrene	39.4		"	50.0	0.00	78.8	13-171		7.67	39	
tert-Butyl alcohol (TBA)	238		"	250	0.00	95.2	34-179		11.2	35	
tert-Butylbenzene	47.0		"	50.0	0.00	94.0	10-160		9.38	79	
Tetrachloroethylene	41.3		"	50.0	0.00	82.6	30-167		10.9	33	
Toluene	43.6		"	50.0	0.00	87.2	21-160		11.0	50	
trans-1,2-Dichloroethylene	47.5		"	50.0	0.00	95.1	29-153		12.1	30	
trans-1,3-Dichloropropylene	47.8		"	50.0	0.00	95.7	18-155		10.4	30	
Trichloroethylene	48.3		"	50.0	0.00	96.5	24-169		10.7	30	
Trichlorofluoromethane	57.6		"	50.0	0.00	115	35-142		13.5	30	
Vinyl Chloride	48.8		"	50.0	0.00	97.6	12-160		11.9	35	
Surrogate: 1,2-Dichloroethane-d4	*54.0*		*"*	*50.0*		*108*	*77-125*				
Surrogate: Toluene-d8	*47.8*		*"*	*50.0*		*95.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80987 - EPA 5030B											
Blank (BB80987-BLK1)											
Prepared: 02/22/2018 Analyzed: 02/23/2018											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

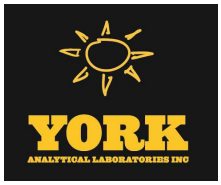
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80987 - EPA 5030B											
Blank (BB80987-BLK1)											Prepared: 02/22/2018 Analyzed: 02/23/2018
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: Toluene-d8	*9.40*		*"*	*10.0*		*94.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BB80987-BS1)											Prepared: 02/22/2018 Analyzed: 02/23/2018
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0		98.0	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	9.82		"	10.0		98.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	9.06		"	10.0		90.6	82-123				
1,1-Dichloroethane	10.1		"	10.0		101	82-129				
1,1-Dichloroethylene	10.1		"	10.0		101	68-138				
1,2,3-Trichlorobenzene	12.1		"	10.0		121	76-136				
1,2,3-Trichloropropane	9.51		"	10.0		95.1	77-128				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	8.79		"	10.0		87.9	45-147				
1,2-Dibromoethane	9.32		"	10.0		93.2	83-124				
1,2-Dichlorobenzene	9.90		"	10.0		99.0	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	9.43		"	10.0		94.3	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,4-Dichlorobenzene	9.85		"	10.0		98.5	85-124				
1,4-Dioxane	143		"	210		68.2	10-349				
2-Butanone	8.88		"	10.0		88.8	49-152				
2-Hexanone	9.50		"	10.0		95.0	51-146				
4-Methyl-2-pentanone	9.67		"	10.0		96.7	57-145				
Acetone	9.05		"	10.0		90.5	14-150				
Acrolein	7.14		"	10.0		71.4	10-153				
Acrylonitrile	8.90		"	10.0		89.0	51-150				
Benzene	10.1		"	10.0		101	85-126				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	9.29		"	10.0		92.9	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80987 - EPA 5030B											
LCS (BB80987-BS1)								Prepared: 02/22/2018 Analyzed: 02/23/2018			
Bromoform	8.86		ug/L	10.0		88.6	78-133				
Bromomethane	7.73		"	10.0		77.3	43-168				
Carbon disulfide	10.8		"	10.0		108	68-146				
Carbon tetrachloride	11.0		"	10.0		110	77-141				
Chlorobenzene	9.67		"	10.0		96.7	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	10.0		"	10.0		100	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	9.19		"	10.0		91.9	80-131				
Cyclohexane	10.7		"	10.0		107	63-149				
Dibromochloromethane	9.37		"	10.0		93.7	80-130				
Dibromomethane	9.31		"	10.0		93.1	72-134				
Dichlorodifluoromethane	10.9		"	10.0		109	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	9.94		"	10.0		99.4	67-146				
Isopropylbenzene	10.2		"	10.0		102	76-140				
Methyl acetate	10.9		"	10.0		109	51-139				
Methyl tert-butyl ether (MTBE)	9.82		"	10.0		98.2	76-135				
Methylcyclohexane	9.34		"	10.0		93.4	72-143				
Methylene chloride	9.58		"	10.0		95.8	55-137				
n-Butylbenzene	10.4		"	10.0		104	79-132				
n-Propylbenzene	10.4		"	10.0		104	78-133				
o-Xylene	10.0		"	10.0		100	78-130				
p- & m- Xylenes	20.4		"	20.0		102	77-133				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	9.38		"	10.0		93.8	67-132				
tert-Butyl alcohol (TBA)	42.1		"	50.0		84.2	25-162				
tert-Butylbenzene	10.0		"	10.0		100	77-138				
Tetrachloroethylene	7.98		"	10.0		79.8	82-131	Low Bias			
Toluene	9.81		"	10.0		98.1	80-127				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	8.86		"	10.0		88.6	78-131				
Trichloroethylene	9.83		"	10.0		98.3	82-128				
Trichlorofluoromethane	10.8		"	10.0		108	67-139				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.90*		*"*	*10.0*		*99.0*	*69-130*				
Surrogate: Toluene-d8	*9.70*		*"*	*10.0*		*97.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80987 - EPA 5030B											
LCS Dup (BB80987-BSD1)									Prepared: 02/22/2018 Analyzed: 02/23/2018		
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		4.88	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		4.05	30	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129		1.82	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165		3.62	30	
1,1,2-Trichloroethane	9.46		"	10.0		94.6	82-123		4.32	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		4.72	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		3.68	30	
1,2,3-Trichlorobenzene	13.5		"	10.0		135	76-136		11.0	30	
1,2,3-Trichloropropane	9.85		"	10.0		98.5	77-128		3.51	30	
1,2,4-Trichlorobenzene	11.4		"	10.0		114	76-137		8.38	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		4.25	30	
1,2-Dibromo-3-chloropropane	9.02		"	10.0		90.2	45-147		2.58	30	
1,2-Dibromoethane	9.58		"	10.0		95.8	83-124		2.75	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		3.08	30	
1,2-Dichloroethane	10.6		"	10.0		106	73-132		3.27	30	
1,2-Dichloropropane	9.96		"	10.0		99.6	78-126		5.47	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		3.47	30	
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122		4.20	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		3.88	30	
1,4-Dioxane	158		"	210		75.3	10-349		9.88	30	
2-Butanone	9.10		"	10.0		91.0	49-152		2.45	30	
2-Hexanone	9.64		"	10.0		96.4	51-146		1.46	30	
4-Methyl-2-pentanone	9.93		"	10.0		99.3	57-145		2.65	30	
Acetone	8.33		"	10.0		83.3	14-150		8.29	30	
Acrolein	7.59		"	10.0		75.9	10-153		6.11	30	
Acrylonitrile	8.30		"	10.0		83.0	51-150		6.98	30	
Benzene	10.6		"	10.0		106	85-126		4.91	30	
Bromochloromethane	10.7		"	10.0		107	77-128		3.71	30	
Bromodichloromethane	9.78		"	10.0		97.8	79-128		5.14	30	
Bromoform	9.25		"	10.0		92.5	78-133		4.31	30	
Bromomethane	8.32		"	10.0		83.2	43-168		7.35	30	
Carbon disulfide	11.4		"	10.0		114	68-146		4.94	30	
Carbon tetrachloride	11.4		"	10.0		114	77-141		3.12	30	
Chlorobenzene	10.2		"	10.0		102	88-120		5.73	30	
Chloroethane	10.5		"	10.0		105	65-136		3.28	30	
Chloroform	10.4		"	10.0		104	82-128		3.91	30	
Chloromethane	10.7		"	10.0		107	43-155		5.45	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		5.04	30	
cis-1,3-Dichloropropylene	9.62		"	10.0		96.2	80-131		4.57	30	
Cyclohexane	11.1		"	10.0		111	63-149		3.40	30	
Dibromochloromethane	9.73		"	10.0		97.3	80-130		3.77	30	
Dibromomethane	9.55		"	10.0		95.5	72-134		2.55	30	
Dichlorodifluoromethane	11.5		"	10.0		115	44-144		5.09	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		4.99	30	
Hexachlorobutadiene	10.6		"	10.0		106	67-146		6.61	30	
Isopropylbenzene	10.6		"	10.0		106	76-140		3.66	30	
Methyl acetate	10.2		"	10.0		102	51-139		6.35	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		2.51	30	
Methylcyclohexane	9.96		"	10.0		99.6	72-143		6.42	30	
Methylene chloride	9.82		"	10.0		98.2	55-137		2.47	30	
n-Butylbenzene	10.8		"	10.0		108	79-132		4.06	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80987 - EPA 5030B											
LCS Dup (BB80987-BSD1)									Prepared: 02/22/2018 Analyzed: 02/23/2018		
n-Propylbenzene	10.8		ug/L	10.0		108	78-133		3.29	30	
o-Xylene	10.5		"	10.0		105	78-130		4.67	30	
p- & m- Xylenes	21.5		"	20.0		107	77-133		5.06	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		4.31	30	
sec-Butylbenzene	11.1		"	10.0		111	79-137		3.96	30	
Styrene	9.88		"	10.0		98.8	67-132		5.19	30	
tert-Butyl alcohol (TBA)	41.0		"	50.0		82.1	25-162		2.57	30	
tert-Butylbenzene	10.5		"	10.0		105	77-138		4.00	30	
Tetrachloroethylene	8.43		"	10.0		84.3	82-131		5.48	30	
Toluene	10.4		"	10.0		104	80-127		5.36	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		4.77	30	
trans-1,3-Dichloropropylene	9.19		"	10.0		91.9	78-131		3.66	30	
Trichloroethylene	10.4		"	10.0		104	82-128		6.02	30	
Trichlorofluoromethane	11.2		"	10.0		112	67-139		3.54	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		4.39	30	
Surrogate: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*69-130*				
Surrogate: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch BB81085 - EPA 5035A											
Blank (BB81085-BLK1)									Prepared & Analyzed: 02/22/2018		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
Blank (BB81085-BLK1)											
Prepared & Analyzed: 02/22/2018											
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*56.4*		*ug/L*	*50.0*		*113*	*77-125*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*45.4*		*"*	*50.0*		*90.8*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
Blank (BB81085-BLK2)											
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								

Prepared & Analyzed: 02/22/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

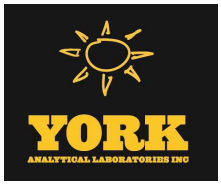
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
Blank (BB81085-BLK2)									Prepared & Analyzed: 02/22/2018		
n-Butylbenzene	ND	0.50	mg/kg wet								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*57.7*		*ug/L*	*50.0*		*115*	*77-125*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*45.6*		*"*	*50.0*		*91.1*	*76-130*				
LCS (BB81085-BS1)									Prepared & Analyzed: 02/22/2018		
1,1,1,2-Tetrachloroethane	47.8		ug/L	50.0		95.7	75-129				
1,1,1-Trichloroethane	49.1		"	50.0		98.2	71-137				
1,1,2,2-Tetrachloroethane	45.1		"	50.0		90.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.6		"	50.0		95.3	58-146				
1,1,2-Trichloroethane	44.5		"	50.0		89.0	83-123				
1,1-Dichloroethane	47.5		"	50.0		95.0	75-130				
1,1-Dichloroethylene	48.7		"	50.0		97.5	64-137				
1,2,3-Trichlorobenzene	46.5		"	50.0		93.0	81-140				
1,2,3-Trichloropropane	46.5		"	50.0		93.1	81-126				
1,2,4-Trichlorobenzene	46.3		"	50.0		92.6	80-141				
1,2,4-Trimethylbenzene	45.7		"	50.0		91.5	84-125				
1,2-Dibromo-3-chloropropane	47.0		"	50.0		94.1	74-142				
1,2-Dibromoethane	46.1		"	50.0		92.1	86-123				
1,2-Dichlorobenzene	46.0		"	50.0		92.0	85-122				
1,2-Dichloroethane	48.9		"	50.0		97.8	71-133				
1,2-Dichloropropane	46.8		"	50.0		93.7	81-122				
1,3,5-Trimethylbenzene	47.2		"	50.0		94.4	82-126				
1,3-Dichlorobenzene	46.1		"	50.0		92.2	84-124				
1,4-Dichlorobenzene	45.0		"	50.0		90.0	84-124				
1,4-Dioxane	846		"	1050		80.6	10-228				
2-Butanone	54.0		"	50.0		108	58-147				
2-Hexanone	42.2		"	50.0		84.3	70-139				
4-Methyl-2-pentanone	43.4		"	50.0		86.9	72-132				
Acetone	40.1		"	50.0		80.1	36-155				
Acrolein	21.4		"	50.0		42.8	10-238				
Acrylonitrile	43.9		"	50.0		87.8	66-141				
Benzene	46.0		"	50.0		91.9	77-127				
Bromochloromethane	45.7		"	50.0		91.3	74-129				
Bromodichloromethane	47.1		"	50.0		94.2	81-124				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
LCS (BB81085-BS1)								Prepared & Analyzed: 02/22/2018			
Bromoform	48.7		ug/L	50.0		97.5	80-136				
Bromomethane	56.4		"	50.0		113	32-177				
Carbon disulfide	49.3		"	50.0		98.6	10-136				
Carbon tetrachloride	52.1		"	50.0		104	66-143				
Chlorobenzene	46.6		"	50.0		93.3	86-120				
Chloroethane	53.6		"	50.0		107	51-142				
Chloroform	47.6		"	50.0		95.1	76-131				
Chloromethane	49.8		"	50.0		99.6	49-132				
cis-1,2-Dichloroethylene	41.9		"	50.0		83.8	74-132				
cis-1,3-Dichloropropylene	47.6		"	50.0		95.3	81-129				
Cyclohexane	43.5		"	50.0		87.0	70-130				
Dibromochloromethane	48.2		"	50.0		96.5	10-200				
Dibromomethane	48.2		"	50.0		96.3	83-124				
Dichlorodifluoromethane	58.7		"	50.0		117	28-158				
Ethyl Benzene	46.4		"	50.0		92.9	84-125				
Hexachlorobutadiene	49.9		"	50.0		99.8	83-133				
Isopropylbenzene	45.9		"	50.0		91.8	81-127				
Methyl acetate	41.1		"	50.0		82.2	41-143				
Methyl tert-butyl ether (MTBE)	45.6		"	50.0		91.1	74-131				
Methylcyclohexane	45.1		"	50.0		90.2	70-130				
Methylene chloride	42.7		"	50.0		85.5	57-141				
n-Butylbenzene	46.6		"	50.0		93.2	80-130				
n-Propylbenzene	46.7		"	50.0		93.4	74-136				
o-Xylene	47.2		"	50.0		94.4	83-123				
p- & m- Xylenes	91.2		"	100		91.2	82-128				
p-Isopropyltoluene	48.7		"	50.0		97.4	85-125				
sec-Butylbenzene	48.9		"	50.0		97.9	83-125				
Styrene	41.6		"	50.0		83.2	86-126	Low Bias			
tert-Butyl alcohol (TBA)	228		"	250		91.1	70-130				
tert-Butylbenzene	47.8		"	50.0		95.6	80-127				
Tetrachloroethylene	45.2		"	50.0		90.3	80-129				
Toluene	44.4		"	50.0		88.8	85-121				
trans-1,2-Dichloroethylene	46.8		"	50.0		93.7	72-132				
trans-1,3-Dichloropropylene	46.8		"	50.0		93.5	78-132				
Trichloroethylene	48.5		"	50.0		97.0	84-123				
Trichlorofluoromethane	57.6		"	50.0		115	62-140				
Vinyl Chloride	53.6		"	50.0		107	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*47.1*		*"*	*50.0*		*94.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

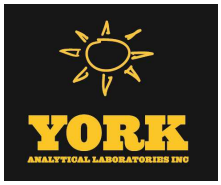
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
LCS Dup (BB81085-BSD1)								Prepared & Analyzed: 02/22/2018			
1,1,1,2-Tetrachloroethane	48.3		ug/L	50.0		96.6	75-129		0.957	30	
1,1,1-Trichloroethane	50.2		"	50.0		100	71-137		2.17	30	
1,1,2,2-Tetrachloroethane	45.4		"	50.0		90.9	79-129		0.685	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.9		"	50.0		104	58-146		8.54	30	
1,1,2-Trichloroethane	43.5		"	50.0		87.1	83-123		2.18	30	
1,1-Dichloroethane	48.6		"	50.0		97.1	75-130		2.16	30	
1,1-Dichloroethylene	50.7		"	50.0		101	64-137		3.90	30	
1,2,3-Trichlorobenzene	47.0		"	50.0		93.9	81-140		0.963	30	
1,2,3-Trichloropropane	45.3		"	50.0		90.7	81-126		2.61	30	
1,2,4-Trichlorobenzene	46.6		"	50.0		93.2	80-141		0.646	30	
1,2,4-Trimethylbenzene	47.6		"	50.0		95.2	84-125		4.01	30	
1,2-Dibromo-3-chloropropane	48.0		"	50.0		95.9	74-142		1.96	30	
1,2-Dibromoethane	47.2		"	50.0		94.4	86-123		2.44	30	
1,2-Dichlorobenzene	47.1		"	50.0		94.2	85-122		2.30	30	
1,2-Dichloroethane	50.7		"	50.0		101	71-133		3.59	30	
1,2-Dichloropropane	46.7		"	50.0		93.4	81-122		0.235	30	
1,3,5-Trimethylbenzene	45.4		"	50.0		90.7	82-126		3.95	30	
1,3-Dichlorobenzene	44.6		"	50.0		89.3	84-124		3.20	30	
1,4-Dichlorobenzene	44.6		"	50.0		89.1	84-124		0.960	30	
1,4-Dioxane	865		"	1050		82.4	10-228		2.18	30	
2-Butanone	48.0		"	50.0		95.9	58-147		11.8	30	
2-Hexanone	40.9		"	50.0		81.7	70-139		3.13	30	
4-Methyl-2-pentanone	43.4		"	50.0		86.8	72-132		0.0921	30	
Acetone	40.2		"	50.0		80.5	36-155		0.448	30	
Acrolein	22.1		"	50.0		44.2	10-238		3.13	30	
Acrylonitrile	39.8		"	50.0		79.7	66-141		9.72	30	
Benzene	46.8		"	50.0		93.6	77-127		1.81	30	
Bromochloromethane	45.6		"	50.0		91.3	74-129		0.0876	30	
Bromodichloromethane	46.9		"	50.0		93.9	81-124		0.362	30	
Bromoform	48.3		"	50.0		96.6	80-136		0.928	30	
Bromomethane	55.8		"	50.0		112	32-177		0.981	30	
Carbon disulfide	50.8		"	50.0		102	10-136		3.10	30	
Carbon tetrachloride	54.0		"	50.0		108	66-143		3.64	30	
Chlorobenzene	46.6		"	50.0		93.1	86-120		0.193	30	
Chloroethane	56.5		"	50.0		113	51-142		5.16	30	
Chloroform	48.8		"	50.0		97.6	76-131		2.61	30	
Chloromethane	53.0		"	50.0		106	49-132		6.22	30	
cis-1,2-Dichloroethylene	43.3		"	50.0		86.6	74-132		3.29	30	
cis-1,3-Dichloropropylene	47.3		"	50.0		94.6	81-129		0.695	30	
Cyclohexane	44.8		"	50.0		89.6	70-130		2.99	30	
Dibromochloromethane	49.6		"	50.0		99.3	10-200		2.84	30	
Dibromomethane	46.6		"	50.0		93.3	83-124		3.16	30	
Dichlorodifluoromethane	59.8		"	50.0		120	28-158		1.86	30	
Ethyl Benzene	47.3		"	50.0		94.6	84-125		1.90	30	
Hexachlorobutadiene	50.5		"	50.0		101	83-133		1.19	30	
Isopropylbenzene	46.6		"	50.0		93.1	81-127		1.41	30	
Methyl acetate	44.2		"	50.0		88.5	41-143		7.38	30	
Methyl tert-butyl ether (MTBE)	47.4		"	50.0		94.8	74-131		3.96	30	
Methylcyclohexane	45.4		"	50.0		90.8	70-130		0.685	30	
Methylene chloride	44.1		"	50.0		88.2	57-141		3.11	30	
n-Butylbenzene	47.2		"	50.0		94.3	80-130		1.22	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
LCS Dup (BB81085-BSD1)								Prepared & Analyzed: 02/22/2018			
n-Propylbenzene	47.0		ug/L	50.0		93.9	74-136		0.598	30	
o-Xylene	46.8		"	50.0		93.5	83-123		0.937	30	
p- & m- Xylenes	89.1		"	100		89.1	82-128		2.34	30	
p-Isopropyltoluene	48.3		"	50.0		96.6	85-125		0.784	30	
sec-Butylbenzene	48.8		"	50.0		97.6	83-125		0.307	30	
Styrene	41.9		"	50.0		83.7	86-126	Low Bias	0.671	30	
tert-Butyl alcohol (TBA)	250		"	250		99.9	70-130		9.21	30	
tert-Butylbenzene	48.2		"	50.0		96.3	80-127		0.771	30	
Tetrachloroethylene	45.5		"	50.0		90.9	80-129		0.640	30	
Toluene	45.2		"	50.0		90.3	85-121		1.65	30	
trans-1,2-Dichloroethylene	48.4		"	50.0		96.8	72-132		3.30	30	
trans-1,3-Dichloropropylene	47.9		"	50.0		95.8	78-132		2.41	30	
Trichloroethylene	48.5		"	50.0		97.0	84-123		0.00	30	
Trichlorofluoromethane	58.4		"	50.0		117	62-140		1.50	30	
Vinyl Chloride	55.4		"	50.0		111	52-130		3.23	30	
Surrogate: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80976 - EPA 3550C											
Blank (BB80976-BLK1)											Prepared & Analyzed: 02/22/2018
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80976 - EPA 3550C											
Blank (BB80976-BLK1)											Prepared & Analyzed: 02/22/2018
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.77*		"	*2.58*		*68.7*	*20-108*				
Surrogate: Phenol-d5	*1.63*		"	*2.46*		*66.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.70*		"	*1.72*		*98.8*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.05*		"	*1.67*		*62.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.59*		"	*2.57*		*101*	*19-110*				
Surrogate: Terphenyl-d14	*1.07*		"	*1.70*		*63.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

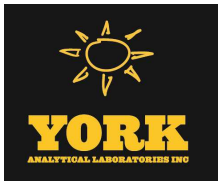
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80976 - EPA 3550C											
LCS (BB80976-BS1)								Prepared & Analyzed: 02/22/2018			
1,1-Biphenyl	0.655	0.0417	mg/kg wet	0.833		78.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.648	0.0833	"	0.833		77.8	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.154	0.0417	"	0.833		18.5	17-137				
2,3,4,6-Tetrachlorophenol	1.70	0.0833	"	0.833		204	30-130	High Bias			
2,4,5-Trichlorophenol	0.797	0.0417	"	0.833		95.6	27-118				
2,4,6-Trichlorophenol	0.778	0.0417	"	0.833		93.4	31-120				
2,4-Dichlorophenol	0.761	0.0417	"	0.833		91.3	20-127				
2,4-Dimethylphenol	0.714	0.0417	"	0.833		85.7	14-132				
2,4-Dinitrophenol	0.931	0.0833	"	0.833		112	10-171				
2,4-Dinitrotoluene	1.19	0.0417	"	0.833		143	34-131	High Bias			
2,6-Dinitrotoluene	1.17	0.0417	"	0.833		140	31-128	High Bias			
2-Chloronaphthalene	0.647	0.0417	"	0.833		77.6	31-117				
2-Chlorophenol	0.654	0.0417	"	0.833		78.4	33-113				
2-Methylnaphthalene	0.725	0.0417	"	0.833		87.0	12-138				
2-Methylphenol	0.660	0.0417	"	0.833		79.2	10-136				
2-Nitroaniline	1.07	0.0833	"	0.833		128	27-132				
2-Nitrophenol	1.07	0.0417	"	0.833		128	17-129				
3- & 4-Methylphenols	0.586	0.0417	"	0.833		70.3	29-103				
3,3-Dichlorobenzidine	0.654	0.0417	"	0.833		78.4	22-149				
3-Nitroaniline	0.905	0.0833	"	0.833		109	20-133				
4,6-Dinitro-2-methylphenol	0.849	0.0833	"	0.833		102	10-143				
4-Bromophenyl phenyl ether	0.799	0.0417	"	0.833		95.8	29-120				
4-Chloro-3-methylphenol	0.760	0.0417	"	0.833		91.2	24-129				
4-Chloroaniline	0.536	0.0417	"	0.833		64.3	10-132				
4-Chlorophenyl phenyl ether	0.725	0.0417	"	0.833		87.0	27-124				
4-Nitroaniline	1.02	0.0833	"	0.833		122	16-128				
4-Nitrophenol	0.872	0.0833	"	0.833		105	10-141				
Acenaphthene	0.627	0.0417	"	0.833		75.3	30-121				
Acenaphthylene	0.635	0.0417	"	0.833		76.2	30-115				
Acetophenone	0.585	0.0417	"	0.833		70.2	20-112				
Aniline	0.495	0.167	"	0.833		59.4	10-119				
Anthracene	0.707	0.0417	"	0.833		84.8	34-118				
Atrazine	0.776	0.0417	"	0.833		93.1	26-112				
Benzaldehyde	0.602	0.0417	"	0.833		72.2	21-100				
Benzo(a)anthracene	0.774	0.0417	"	0.833		92.8	32-122				
Benzo(a)pyrene	0.730	0.0417	"	0.833		87.6	29-133				
Benzo(b)fluoranthene	0.719	0.0417	"	0.833		86.2	25-133				
Benzo(g,h,i)perylene	0.817	0.0417	"	0.833		98.0	10-143				
Benzo(k)fluoranthene	0.672	0.0417	"	0.833		80.7	25-128				
Benzoic acid	0.875	0.0417	"	0.967		90.6	10-140				
Benzyl alcohol	0.644	0.0417	"	0.833		77.3	30-115				
Benzyl butyl phthalate	0.845	0.0417	"	0.833		101	26-126				
Bis(2-chloroethoxy)methane	0.768	0.0417	"	0.833		92.2	19-132				
Bis(2-chloroethyl)ether	0.620	0.0417	"	0.833		74.4	19-125				
Bis(2-chloroisopropyl)ether	0.656	0.0417	"	0.833		78.8	20-135				
Bis(2-ethylhexyl)phthalate	0.824	0.0417	"	0.833		98.8	10-155				
Caprolactam	0.804	0.0833	"	0.833		96.5	10-127				
Carbazole	0.721	0.0417	"	0.833		86.5	35-123				
Chrysene	0.689	0.0417	"	0.833		82.7	32-123				
Dibenzo(a,h)anthracene	0.738	0.0417	"	0.833		88.6	10-136				
Dibenzofuran	0.667	0.0417	"	0.833		80.0	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80976 - EPA 3550C											
LCS (BB80976-BS1)								Prepared & Analyzed: 02/22/2018			
Diethyl phthalate	0.697	0.0417	mg/kg wet	0.833		83.7	34-116				
Dimethyl phthalate	0.694	0.0417	"	0.833		83.3	35-124				
Di-n-butyl phthalate	0.751	0.0417	"	0.833		90.1	31-116				
Di-n-octyl phthalate	0.912	0.0417	"	0.833		109	26-136				
Diphenylamine	0.811	0.0833	"	0.833		97.3	40-140				
Fluoranthene	0.725	0.0417	"	0.833		87.0	33-122				
Fluorene	0.672	0.0417	"	0.833		80.6	29-123				
Hexachlorobenzene	0.664	0.0417	"	0.833		79.6	21-124				
Hexachlorobutadiene	0.732	0.0417	"	0.833		87.8	10-149				
Hexachlorocyclopentadiene	0.579	0.0417	"	0.833		69.5	10-129				
Hexachloroethane	0.578	0.0417	"	0.833		69.4	28-108				
Indeno(1,2,3-cd)pyrene	0.753	0.0417	"	0.833		90.4	10-135				
Isophorone	0.696	0.0417	"	0.833		83.5	20-132				
Naphthalene	0.654	0.0417	"	0.833		78.5	23-124				
Nitrobenzene	0.843	0.0417	"	0.833		101	13-132				
N-Nitrosodimethylamine	0.501	0.0417	"	0.833		60.2	11-129				
N-nitroso-di-n-propylamine	0.557	0.0417	"	0.833		66.9	24-119				
N-Nitrosodiphenylamine	0.797	0.0417	"	0.833		95.6	22-152				
Pentachlorophenol	0.761	0.0417	"	0.833		91.3	10-139				
Phenanthrene	0.690	0.0417	"	0.833		82.8	33-123				
Phenol	0.667	0.0417	"	0.833		80.0	23-115				
Pyrene	0.736	0.0417	"	0.833		88.3	32-130				
Pyridine	0.353	0.167	"	0.833		42.4	10-91				
Surrogate: 2-Fluorophenol	*1.82*		"	*2.58*		*70.6*	*20-108*				
Surrogate: Phenol-d5	*1.71*		"	*2.46*		*69.6*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.81*		"	*1.72*		*105*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.12*		"	*1.67*		*66.8*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.89*		"	*2.57*		*112*	*19-110*				
Surrogate: Terphenyl-d14	*1.08*		"	*1.70*		*63.8*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

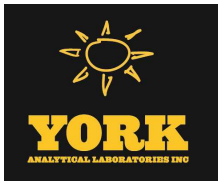
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80976 - EPA 3550C											
Matrix Spike (BB80976-MS1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared: 02/22/2018 Analyzed: 02/23/2018			
1,1-Biphenyl	0.593	0.0881	mg/kg dry	0.880	ND	67.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.607	0.176	"	0.880	ND	69.0	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	0.156	0.0881	"	0.880	ND	17.7	10-144				
2,3,4,6-Tetrachlorophenol	1.47	0.176	"	0.880	ND	167	30-130	High Bias			
2,4,5-Trichlorophenol	0.725	0.0881	"	0.880	ND	82.4	10-127				
2,4,6-Trichlorophenol	0.660	0.0881	"	0.880	ND	75.0	10-132				
2,4-Dichlorophenol	0.686	0.0881	"	0.880	ND	77.9	10-128				
2,4-Dimethylphenol	0.583	0.0881	"	0.880	ND	66.2	10-137				
2,4-Dinitrophenol	0.399	0.176	"	0.880	ND	45.4	10-171				
2,4-Dinitrotoluene	1.07	0.0881	"	0.880	ND	121	16-135				
2,6-Dinitrotoluene	1.08	0.0881	"	0.880	ND	123	18-131				
2-Chloronaphthalene	0.604	0.0881	"	0.880	ND	68.6	10-129				
2-Chlorophenol	0.589	0.0881	"	0.880	ND	67.0	15-116				
2-Methylnaphthalene	0.674	0.0881	"	0.880	ND	76.6	10-147				
2-Methylphenol	0.589	0.0881	"	0.880	ND	67.0	10-136				
2-Nitroaniline	0.926	0.176	"	0.880	ND	105	10-137				
2-Nitrophenol	1.01	0.0881	"	0.880	ND	115	10-129				
3- & 4-Methylphenols	0.496	0.0881	"	0.880	ND	56.4	10-123				
3,3-Dichlorobenzidine	0.532	0.0881	"	0.880	ND	60.5	10-155				
3-Nitroaniline	0.850	0.176	"	0.880	ND	96.6	12-133				
4,6-Dinitro-2-methylphenol	0.660	0.176	"	0.880	ND	75.0	10-155				
4-Bromophenyl phenyl ether	0.719	0.0881	"	0.880	ND	81.8	14-128				
4-Chloro-3-methylphenol	0.675	0.0881	"	0.880	ND	76.7	10-134				
4-Chloroaniline	0.493	0.0881	"	0.880	ND	56.1	10-145				
4-Chlorophenyl phenyl ether	0.661	0.0881	"	0.880	ND	75.1	14-130				
4-Nitroaniline	0.833	0.176	"	0.880	ND	94.7	10-147				
4-Nitrophenol	0.668	0.176	"	0.880	ND	75.9	10-137				
Acenaphthene	0.584	0.0881	"	0.880	ND	66.4	10-146				
Acenaphthylene	0.586	0.0881	"	0.880	ND	66.6	10-134				
Acetophenone	0.515	0.0881	"	0.880	ND	58.6	10-116				
Aniline	0.386	0.353	"	0.880	ND	43.8	10-123				
Anthracene	0.629	0.0881	"	0.880	ND	71.4	10-142				
Atrazine	0.658	0.0881	"	0.880	ND	74.8	19-115				
Benzaldehyde	0.531	0.0881	"	0.880	ND	60.3	10-125				
Benzo(a)anthracene	0.700	0.0881	"	0.880	ND	79.6	10-158				
Benzo(a)pyrene	0.722	0.0881	"	0.880	ND	82.1	10-180				
Benzo(b)fluoranthene	0.780	0.0881	"	0.880	ND	88.6	10-200				
Benzo(g,h,i)perylene	0.741	0.0881	"	0.880	ND	84.2	10-138				
Benzo(k)fluoranthene	0.654	0.0881	"	0.880	ND	74.3	10-197				
Benzoic acid	0.213	0.0881	"	1.02	ND	20.8	10-166				
Benzyl alcohol	0.522	0.0881	"	0.880	ND	59.4	12-124				
Benzyl butyl phthalate	0.746	0.0881	"	0.880	ND	84.8	10-154				
Bis(2-chloroethoxy)methane	0.678	0.0881	"	0.880	ND	77.0	10-132				
Bis(2-chloroethyl)ether	0.559	0.0881	"	0.880	ND	63.5	10-119				
Bis(2-chloroisopropyl)ether	0.570	0.0881	"	0.880	ND	64.8	10-139				
Bis(2-ethylhexyl)phthalate	0.736	0.0881	"	0.880	ND	83.7	10-167				
Caprolactam	0.117	0.176	"	0.880	ND	13.3	10-132				
Carbazole	0.624	0.0881	"	0.880	ND	71.0	10-167				
Chrysene	0.621	0.0881	"	0.880	ND	70.6	10-156				
Dibenzo(a,h)anthracene	0.669	0.0881	"	0.880	ND	76.0	10-137				
Dibenzofuran	0.605	0.0881	"	0.880	ND	68.8	10-147				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80976 - EPA 3550C											
Matrix Spike (BB80976-MS1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared: 02/22/2018 Analyzed: 02/23/2018			
Diethyl phthalate	0.617	0.0881	mg/kg dry	0.880	ND	70.2	20-120				
Dimethyl phthalate	0.618	0.0881	"	0.880	ND	70.2	18-131				
Di-n-butyl phthalate	0.647	0.0881	"	0.880	ND	73.5	10-137				
Di-n-octyl phthalate	0.835	0.0881	"	0.880	ND	95.0	10-180				
Diphenylamine	0.724	0.176	"	0.880	ND	82.3	40-140				
Fluoranthene	0.626	0.0881	"	0.880	ND	71.2	10-160				
Fluorene	0.614	0.0881	"	0.880	ND	69.8	10-157				
Hexachlorobenzene	0.595	0.0881	"	0.880	ND	67.6	10-137				
Hexachlorobutadiene	0.685	0.0881	"	0.880	ND	77.8	10-132				
Hexachlorocyclopentadiene	0.461	0.0881	"	0.880	ND	52.4	10-106				
Hexachloroethane	0.537	0.0881	"	0.880	ND	61.0	10-110				
Indeno(1,2,3-cd)pyrene	0.676	0.0881	"	0.880	ND	76.9	10-144				
Isophorone	0.606	0.0881	"	0.880	ND	68.9	10-132				
Naphthalene	0.603	0.0881	"	0.880	ND	68.5	10-141				
Nitrobenzene	0.755	0.0881	"	0.880	ND	85.8	10-131				
N-Nitrosodimethylamine	0.431	0.0881	"	0.880	ND	49.0	10-126				
N-nitroso-di-n-propylamine	0.501	0.0881	"	0.880	ND	57.0	10-125				
N-Nitrosodiphenylamine	0.712	0.0881	"	0.880	ND	80.9	10-177				
Pentachlorophenol	0.624	0.0881	"	0.880	ND	70.9	10-153				
Phenanthrene	0.613	0.0881	"	0.880	ND	69.7	10-148				
Phenol	0.572	0.0881	"	0.880	ND	65.0	10-126				
Pyrene	0.667	0.0881	"	0.880	ND	75.8	10-165				
Pyridine	0.254	0.353	"	0.880	ND	28.9	10-83				
Surrogate: 2-Fluorophenol	*1.59*		"	*2.72*		*58.3*	*20-108*				
Surrogate: Phenol-d5	*1.49*		"	*2.60*		*57.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.65*		"	*1.82*		*91.0*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.01*		"	*1.77*		*57.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.44*		"	*2.72*		*89.8*	*19-110*				
Surrogate: Terphenyl-d14	*0.938*		"	*1.79*		*52.2*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80976 - EPA 3550C											
Matrix Spike Dup (BB80976-MSD1)	*Source sample: 18B0704-04 (SB111_13-15)								Prepared: 02/22/2018 Analyzed: 02/23/2018		
1,1-Biphenyl	0.594	0.0881	mg/kg dry	0.880	ND	67.5	10-130		0.237	30	
1,2,4,5-Tetrachlorobenzene	0.624	0.176	"	0.880	ND	71.0	10-133		2.86	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.157	0.0881	"	0.880	ND	17.8	10-144		0.901	30	
2,3,4,6-Tetrachlorophenol	1.53	0.176	"	0.880	ND	174	30-130	High Bias	4.22	30	
2,4,5-Trichlorophenol	0.752	0.0881	"	0.880	ND	85.5	10-127		3.72	30	
2,4,6-Trichlorophenol	0.690	0.0881	"	0.880	ND	78.5	10-132		4.59	30	
2,4-Dichlorophenol	0.702	0.0881	"	0.880	ND	79.8	10-128		2.43	30	
2,4-Dimethylphenol	0.581	0.0881	"	0.880	ND	66.1	10-137		0.242	30	
2,4-Dinitrophenol	0.455	0.176	"	0.880	ND	51.7	10-171		13.0	30	
2,4-Dinitrotoluene	1.12	0.0881	"	0.880	ND	127	16-135		4.89	30	
2,6-Dinitrotoluene	1.16	0.0881	"	0.880	ND	132	18-131	High Bias	7.33	30	
2-Chloronaphthalene	0.625	0.0881	"	0.880	ND	71.0	10-129		3.44	30	
2-Chlorophenol	0.598	0.0881	"	0.880	ND	68.0	15-116		1.54	30	
2-Methylnaphthalene	0.685	0.0881	"	0.880	ND	77.8	10-147		1.66	30	
2-Methylphenol	0.613	0.0881	"	0.880	ND	69.7	10-136		3.98	30	
2-Nitroaniline	0.979	0.176	"	0.880	ND	111	10-137		5.54	30	
2-Nitrophenol	1.05	0.0881	"	0.880	ND	120	10-129		4.23	30	
3- & 4-Methylphenols	0.543	0.0881	"	0.880	ND	61.7	10-123		8.94	30	
3,3-Dichlorobenzidine	0.545	0.0881	"	0.880	ND	61.9	10-155		2.35	30	
3-Nitroaniline	0.896	0.176	"	0.880	ND	102	12-133		5.32	30	
4,6-Dinitro-2-methylphenol	0.696	0.176	"	0.880	ND	79.1	10-155		5.29	30	
4-Bromophenyl phenyl ether	0.748	0.0881	"	0.880	ND	85.0	14-128		3.93	30	
4-Chloro-3-methylphenol	0.686	0.0881	"	0.880	ND	77.9	10-134		1.55	30	
4-Chloroaniline	0.510	0.0881	"	0.880	ND	57.9	10-145		3.23	30	
4-Chlorophenyl phenyl ether	0.674	0.0881	"	0.880	ND	76.6	14-130		2.00	30	
4-Nitroaniline	0.881	0.176	"	0.880	ND	100	10-147		5.58	30	
4-Nitrophenol	0.690	0.176	"	0.880	ND	78.4	10-137		3.21	30	
Acenaphthene	0.603	0.0881	"	0.880	ND	68.6	10-146		3.20	30	
Acenaphthylene	0.603	0.0881	"	0.880	ND	68.6	10-134		2.96	30	
Acetophenone	0.530	0.0881	"	0.880	ND	60.2	10-116		2.83	30	
Aniline	0.396	0.353	"	0.880	ND	45.0	10-123		2.70	30	
Anthracene	0.654	0.0881	"	0.880	ND	74.3	10-142		3.95	30	
Atrazine	0.686	0.0881	"	0.880	ND	78.0	19-115		4.19	30	
Benzaldehyde	0.557	0.0881	"	0.880	ND	63.3	10-125		4.79	30	
Benzo(a)anthracene	0.727	0.0881	"	0.880	ND	82.6	10-158		3.75	30	
Benzo(a)pyrene	0.767	0.0881	"	0.880	ND	87.1	10-180		5.96	30	
Benzo(b)fluoranthene	0.722	0.0881	"	0.880	ND	82.1	10-200		7.69	30	
Benzo(g,h,i)perylene	0.777	0.0881	"	0.880	ND	88.3	10-138		4.73	30	
Benzo(k)fluoranthene	0.683	0.0881	"	0.880	ND	77.6	10-197		4.32	30	
Benzoic acid	0.324	0.0881	"	1.02	ND	31.8	10-166		41.7	30	Non-dir.
Benzyl alcohol	0.541	0.0881	"	0.880	ND	61.5	12-124		3.57	30	
Benzyl butyl phthalate	0.757	0.0881	"	0.880	ND	86.0	10-154		1.41	30	
Bis(2-chloroethoxy)methane	0.698	0.0881	"	0.880	ND	79.3	10-132		2.87	30	
Bis(2-chloroethyl)ether	0.587	0.0881	"	0.880	ND	66.7	10-119		4.91	30	
Bis(2-chloroisopropyl)ether	0.586	0.0881	"	0.880	ND	66.6	10-139		2.68	30	
Bis(2-ethylhexyl)phthalate	0.758	0.0881	"	0.880	ND	86.2	10-167		2.92	30	
Caprolactam	0.535	0.176	"	0.880	ND	60.8	10-132		128	30	Non-dir.
Carbazole	0.651	0.0881	"	0.880	ND	74.0	10-167		4.19	30	
Chrysene	0.649	0.0881	"	0.880	ND	73.8	10-156		4.43	30	
Dibenzo(a,h)anthracene	0.697	0.0881	"	0.880	ND	79.2	10-137		4.12	30	
Dibenzofuran	0.631	0.0881	"	0.880	ND	71.8	10-147		4.21	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80976 - EPA 3550C											
Matrix Spike Dup (BB80976-MSD1)	*Source sample: 18B0704-04 (SB111_13-15)								Prepared: 02/22/2018 Analyzed: 02/23/2018		
Diethyl phthalate	0.622	0.0881	mg/kg dry	0.880	ND	70.6	20-120		0.682	30	
Dimethyl phthalate	0.637	0.0881	"	0.880	ND	72.4	18-131		3.03	30	
Di-n-butyl phthalate	0.679	0.0881	"	0.880	ND	77.2	10-137		4.88	30	
Di-n-octyl phthalate	0.843	0.0881	"	0.880	ND	95.8	10-180		0.839	30	
Diphenylamine	0.746	0.176	"	0.880	ND	84.8	40-140		2.97	30	
Fluoranthene	0.668	0.0881	"	0.880	ND	75.9	10-160		6.42	30	
Fluorene	0.630	0.0881	"	0.880	ND	71.6	10-157		2.49	30	
Hexachlorobenzene	0.616	0.0881	"	0.880	ND	70.0	10-137		3.49	30	
Hexachlorobutadiene	0.706	0.0881	"	0.880	ND	80.2	10-132		3.04	30	
Hexachlorocyclopentadiene	0.477	0.0881	"	0.880	ND	54.2	10-106		3.30	30	
Hexachloroethane	0.569	0.0881	"	0.880	ND	64.6	10-110		5.73	30	
Indeno(1,2,3-cd)pyrene	0.705	0.0881	"	0.880	ND	80.2	10-144		4.18	30	
Isophorone	0.629	0.0881	"	0.880	ND	71.4	10-132		3.65	30	
Naphthalene	0.626	0.0881	"	0.880	ND	71.1	10-141		3.78	30	
Nitrobenzene	0.803	0.0881	"	0.880	ND	91.3	10-131		6.24	30	
N-Nitrosodimethylamine	0.455	0.0881	"	0.880	ND	51.7	10-126		5.24	30	
N-nitroso-di-n-propylamine	0.510	0.0881	"	0.880	ND	58.0	10-125		1.81	30	
N-Nitrosodiphenylamine	0.733	0.0881	"	0.880	ND	83.3	10-177		2.92	30	
Pentachlorophenol	0.667	0.0881	"	0.880	ND	75.8	10-153		6.76	30	
Phenanthrene	0.645	0.0881	"	0.880	ND	73.3	10-148		5.04	30	
Phenol	0.591	0.0881	"	0.880	ND	67.1	10-126		3.27	30	
Pyrene	0.704	0.0881	"	0.880	ND	80.0	10-165		5.44	30	
Pyridine	0.278	0.353	"	0.880	ND	31.6	10-83		8.99	30	
Surrogate: 2-Fluorophenol	*1.65*		"	*2.72*		*60.6*	*20-108*				
Surrogate: Phenol-d5	*1.56*		"	*2.60*		*59.9*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.74*		"	*1.82*		*96.1*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.05*		"	*1.77*		*59.5*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.55*		"	*2.72*		*93.9*	*19-110*				
Surrogate: Terphenyl-d14	*0.983*		"	*1.79*		*54.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

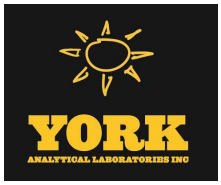
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81025 - EPA 3510C											
Blank (BB81025-BLK1)											
Prepared: 02/22/2018 Analyzed: 02/23/2018											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81025 - EPA 3510C											
Blank (BB81025-BLK1)											Prepared: 02/22/2018 Analyzed: 02/23/2018
Surrogate: 2-Fluorophenol	*21.3*		*ug/L*	*77.4*		*27.5*	*19.7-63.1*				
Surrogate: Phenol-d5	*13.4*		*"*	*73.8*		*18.1*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*28.9*		*"*	*51.6*		*56.0*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*26.4*		*"*	*50.2*		*52.5*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*60.2*		*"*	*77.2*		*77.9*	*39.3-151*				
Surrogate: Terphenyl-d14	*24.3*		*"*	*51.0*		*47.7*	*30.7-106*				
Blank (BB81025-BLK2)											Prepared: 02/22/2018 Analyzed: 02/23/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	0.0200	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

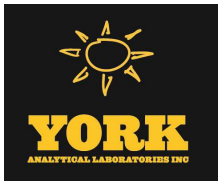
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81025 - EPA 3510C											
LCS (BB81025-BS1)								Prepared: 02/22/2018 Analyzed: 02/23/2018			
1,1-Biphenyl	17.8	5.00	ug/L	25.0		71.2	33-95				
1,2,4,5-Tetrachlorobenzene	19.8	5.00	"	25.0		79.0	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	13.8	5.00	"	25.0		55.2	16-141				
2,3,4,6-Tetrachlorophenol	30.6	5.00	"	25.0		122	30-130				
2,4,5-Trichlorophenol	21.8	5.00	"	25.0		87.1	32-114				
2,4,6-Trichlorophenol	20.2	5.00	"	25.0		80.6	35-118				
2,4-Dichlorophenol	20.4	5.00	"	25.0		81.7	25-116				
2,4-Dimethylphenol	19.6	5.00	"	25.0		78.3	15-116				
2,4-Dinitrophenol	23.7	5.00	"	25.0		94.7	10-170				
2,4-Dinitrotoluene	21.0	5.00	"	25.0		84.1	41-128				
2,6-Dinitrotoluene	19.4	5.00	"	25.0		77.5	45-116				
2-Chloronaphthalene	17.6	5.00	"	25.0		70.5	33-112				
2-Chlorophenol	15.1	5.00	"	25.0		60.5	15-120				
2-Methylnaphthalene	18.8	5.00	"	25.0		75.0	24-118				
2-Methylphenol	11.1	5.00	"	25.0		44.5	10-110				
2-Nitroaniline	19.6	5.00	"	25.0		78.5	34-129				
2-Nitrophenol	19.8	5.00	"	25.0		79.1	28-118				
3- & 4-Methylphenols	10.3	5.00	"	25.0		41.2	10-107				
3,3-Dichlorobenzidine	21.3	5.00	"	25.0		85.2	15-187				
3-Nitroaniline	16.4	5.00	"	25.0		65.8	24-134				
4,6-Dinitro-2-methylphenol	18.9	5.00	"	25.0		75.6	10-153				
4-Bromophenyl phenyl ether	21.9	5.00	"	25.0		87.6	34-120				
4-Chloro-3-methylphenol	19.0	5.00	"	25.0		76.1	20-120				
4-Chloroaniline	14.1	5.00	"	25.0		56.5	10-147				
4-Chlorophenyl phenyl ether	20.3	5.00	"	25.0		81.2	27-121				
4-Nitroaniline	31.0	5.00	"	25.0		124	13-134				
4-Nitrophenol	5.63	5.00	"	25.0		22.5	10-131				
Acetophenone	16.8	5.00	"	25.0		67.2	25-110				
Aniline	11.4	5.00	"	25.0		45.5	10-117				
Benzaldehyde	25.8	5.00	"	25.0		103	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	10.9	5.00	"	25.0		43.6	10-117				
Benzyl butyl phthalate	16.3	5.00	"	25.0		65.4	29-133				
Bis(2-chloroethoxy)methane	20.7	5.00	"	25.0		82.6	10-154				
Bis(2-chloroethyl)ether	14.4	5.00	"	25.0		57.5	17-125				
Bis(2-chloroisopropyl)ether	17.6	5.00	"	25.0		70.3	10-139				
Caprolactam	3.46	5.00	"	25.0		13.8	10-137				
Carbazole	28.6	5.00	"	25.0		114	42-126				
Dibenzofuran	19.9	5.00	"	25.0		79.5	36-113				
Diethyl phthalate	19.7	5.00	"	25.0		78.7	38-115				
Dimethyl phthalate	20.6	5.00	"	25.0		82.4	38-129				
Di-n-butyl phthalate	17.9	5.00	"	25.0		71.6	31-120				
Di-n-octyl phthalate	17.8	5.00	"	25.0		71.2	21-149				
Diphenylamine	21.2	5.00	"	25.0		84.9	40-140				
Hexachlorocyclopentadiene	23.4	10.0	"	25.0		93.7	10-130				
Isophorone	19.2	5.00	"	25.0		76.8	25-127				
N-nitroso-di-n-propylamine	15.0	5.00	"	25.0		59.8	26-122				
N-Nitrosodiphenylamine	20.3	5.00	"	25.0		81.3	23-149				
Phenol	5.65	5.00	"	25.0		22.6	10-110				
Pyridine	6.04	5.00	"	25.0		24.2	10-90				
Surrogate: 2-Fluorophenol	*24.8*		*"*	*77.4*		*32.0*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81025 - EPA 3510C											
LCS (BB81025-BS1)								Prepared: 02/22/2018 Analyzed: 02/23/2018			
Surrogate: Phenol-d5	*15.1*		*ug/L*	*73.8*		*20.5*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*31.7*		*"*	*51.6*		*61.4*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*26.3*		*"*	*50.2*		*52.4*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*67.6*		*"*	*77.2*		*87.5*	*39.3-151*				
Surrogate: Terphenyl-d14	*25.4*		*"*	*51.0*		*49.8*	*30.7-106*				
LCS (BB81025-BS2)								Prepared: 02/22/2018 Analyzed: 02/23/2018			
Acenaphthene	0.630	0.0500	ug/L	1.00		63.0	25-116				
Acenaphthylene	0.720	0.0500	"	1.00		72.0	26-116				
Anthracene	0.860	0.0500	"	1.00		86.0	25-123				
Benzo(a)anthracene	0.880	0.0500	"	1.00		88.0	33-125				
Benzo(a)pyrene	0.920	0.0500	"	1.00		92.0	32-132				
Benzo(b)fluoranthene	0.860	0.0500	"	1.00		86.0	22-137				
Benzo(g,h,i)perylene	1.05	0.0500	"	1.00		105	10-138				
Benzo(k)fluoranthene	0.900	0.0500	"	1.00		90.0	20-137				
Bis(2-ethylhexyl)phthalate	0.840	0.500	"	1.00		84.0	10-189				
Chrysene	0.820	0.0500	"	1.00		82.0	32-124				
Dibenzo(a,h)anthracene	1.03	0.0500	"	1.00		103	16-133				
Fluoranthene	0.900	0.0500	"	1.00		90.0	32-121				
Fluorene	0.670	0.0500	"	1.00		67.0	28-118				
Hexachlorobenzene	0.960	0.0200	"	1.00		96.0	23-124				
Hexachlorobutadiene	0.600	0.500	"	1.00		60.0	15-123				
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	1.01	0.0500	"	1.00		101	15-135				
Naphthalene	0.800	0.0500	"	1.00		80.0	18-120				
Nitrobenzene	0.870	0.250	"	1.00		87.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.470	0.250	"	1.00		47.0	10-156				
Phenanthrene	0.780	0.0500	"	1.00		78.0	24-127				
Pyrene	0.800	0.0500	"	1.00		80.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81025 - EPA 3510C											
LCS Dup (BB81025-BSD1)								Prepared: 02/22/2018 Analyzed: 02/23/2018			
1,1-Biphenyl	17.0	5.00	ug/L	25.0		67.9	33-95		4.77	20	
1,2,4,5-Tetrachlorobenzene	19.6	5.00	"	25.0		78.4	26-120		0.762	20	
1,2-Diphenylhydrazine (as Azobenzene)	14.5	5.00	"	25.0		57.9	16-141		4.74	20	
2,3,4,6-Tetrachlorophenol	29.3	5.00	"	25.0		117	30-130		4.54	20	
2,4,5-Trichlorophenol	18.4	5.00	"	25.0		73.6	32-114		16.7	20	
2,4,6-Trichlorophenol	19.6	5.00	"	25.0		78.2	35-118		3.07	20	
2,4-Dichlorophenol	19.9	5.00	"	25.0		79.7	25-116		2.48	20	
2,4-Dimethylphenol	18.3	5.00	"	25.0		73.4	15-116		6.49	20	
2,4-Dinitrophenol	21.2	5.00	"	25.0		85.0	10-170		10.8	20	
2,4-Dinitrotoluene	20.0	5.00	"	25.0		80.0	41-128		4.92	20	
2,6-Dinitrotoluene	18.3	5.00	"	25.0		73.2	45-116		5.73	20	
2-Chloronaphthalene	17.0	5.00	"	25.0		68.1	33-112		3.46	20	
2-Chlorophenol	15.1	5.00	"	25.0		60.3	15-120		0.331	20	
2-Methylnaphthalene	17.9	5.00	"	25.0		71.6	24-118		4.69	20	
2-Methylphenol	11.1	5.00	"	25.0		44.3	10-110		0.450	20	
2-Nitroaniline	18.7	5.00	"	25.0		74.8	34-129		4.80	20	
2-Nitrophenol	19.2	5.00	"	25.0		76.7	28-118		3.13	20	
3- & 4-Methylphenols	10.2	5.00	"	25.0		40.7	10-107		1.27	20	
3,3-Dichlorobenzidine	19.6	5.00	"	25.0		78.6	15-187		8.01	20	
3-Nitroaniline	14.7	5.00	"	25.0		58.7	24-134		11.4	20	
4,6-Dinitro-2-methylphenol	17.0	5.00	"	25.0		67.8	10-153		10.9	20	
4-Bromophenyl phenyl ether	20.2	5.00	"	25.0		81.0	34-120		7.88	20	
4-Chloro-3-methylphenol	17.8	5.00	"	25.0		71.1	20-120		6.85	20	
4-Chloroaniline	15.1	5.00	"	25.0		60.2	10-147		6.44	20	
4-Chlorophenyl phenyl ether	19.6	5.00	"	25.0		78.4	27-121		3.51	20	
4-Nitroaniline	29.4	5.00	"	25.0		118	13-134		5.10	20	
4-Nitrophenol	6.57	5.00	"	25.0		26.3	10-131		15.4	20	
Acetophenone	16.7	5.00	"	25.0		66.9	25-110		0.537	20	
Aniline	11.9	5.00	"	25.0		47.5	10-117		4.22	20	
Benzaldehyde	25.2	5.00	"	25.0		101	29-117		2.20	20	
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias		20	
Benzyl alcohol	11.2	5.00	"	25.0		44.7	10-117		2.44	20	
Benzyl butyl phthalate	15.0	5.00	"	25.0		60.0	29-133		8.62	20	
Bis(2-chloroethoxy)methane	19.8	5.00	"	25.0		79.3	10-154		4.10	20	
Bis(2-chloroethyl)ether	14.5	5.00	"	25.0		57.8	17-125		0.555	20	
Bis(2-chloroisopropyl)ether	17.9	5.00	"	25.0		71.8	10-139		2.08	20	
Caprolactam	3.25	5.00	"	25.0		13.0	10-137		6.26	20	
Carbazole	27.4	5.00	"	25.0		109	42-126		4.54	20	
Dibenzofuran	19.2	5.00	"	25.0		76.7	36-113		3.64	20	
Diethyl phthalate	18.7	5.00	"	25.0		74.8	38-115		5.00	20	
Dimethyl phthalate	19.6	5.00	"	25.0		78.4	38-129		5.02	20	
Di-n-butyl phthalate	16.3	5.00	"	25.0		65.3	31-120		9.18	20	
Di-n-octyl phthalate	16.2	5.00	"	25.0		64.8	21-149		9.53	20	
Diphenylamine	19.5	5.00	"	25.0		78.0	40-140		8.40	20	
Hexachlorocyclopentadiene	23.0	10.0	"	25.0		92.0	10-130		1.81	20	
Isophorone	18.4	5.00	"	25.0		73.6	25-127		4.26	20	
N-nitroso-di-n-propylamine	15.3	5.00	"	25.0		61.2	26-122		2.31	20	
N-Nitrosodiphenylamine	18.6	5.00	"	25.0		74.6	23-149		8.62	20	
Phenol	5.68	5.00	"	25.0		22.7	10-110		0.530	20	
Pyridine	5.35	5.00	"	25.0		21.4	10-90		12.1	20	
Surrogate: 2-Fluorophenol	*23.6*		*"*	*77.4*		*30.4*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81025 - EPA 3510C											
LCS Dup (BB81025-BSD1)											Prepared: 02/22/2018 Analyzed: 02/23/2018
Surrogate: Phenol-d5	*14.3*		*ug/L*	*73.8*		*19.4*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*30.0*		*"*	*51.6*		*58.2*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*25.0*		*"*	*50.2*		*49.9*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*62.4*		*"*	*77.2*		*80.8*	*39.3-151*				
Surrogate: Terphenyl-d14	*22.6*		*"*	*51.0*		*44.4*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80976 - EPA 3550C											
Blank (BB80976-BLK1)									Prepared & Analyzed: 02/22/2018		
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BB81025 - EPA 3510C											
Blank (BB81025-BLK1)									Prepared: 02/22/2018 Analyzed: 02/23/2018		
Tentatively Identified Compounds	0.00		ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80861 - EPA SW846-3510C Low Level											
Blank (BB80861-BLK1)									Prepared: 02/20/2018 Analyzed: 02/21/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.158*		*"*	*0.209*		*75.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.132*		*"*	*0.202*		*65.6*	*30-150*				
LCS (BB80861-BS1)									Prepared: 02/20/2018 Analyzed: 02/21/2018		
4,4'-DDD	0.0963	0.00400	ug/L	0.100		96.3	40-140				
4,4'-DDE	0.0840	0.00400	"	0.100		84.0	40-140				
4,4'-DDT	0.0915	0.00400	"	0.100		91.5	40-140				
Aldrin	0.0713	0.00400	"	0.100		71.3	40-140				
alpha-BHC	0.0742	0.00400	"	0.100		74.2	40-140				
alpha-Chlordane	0.0716	0.00400	"	0.100		71.6	40-140				
beta-BHC	0.0842	0.00400	"	0.100		84.2	40-140				
delta-BHC	0.0640	0.00400	"	0.100		64.0	40-140				
Dieldrin	0.0788	0.00200	"	0.100		78.8	40-140				
Endosulfan I	0.0774	0.00400	"	0.100		77.4	40-140				
Endosulfan II	0.0862	0.00400	"	0.100		86.2	40-140				
Endosulfan sulfate	0.0911	0.00400	"	0.100		91.1	40-140				
Endrin	0.0824	0.00400	"	0.100		82.4	40-140				
Endrin aldehyde	0.0954	0.0100	"	0.100		95.4	40-140				
Endrin ketone	0.0987	0.0100	"	0.100		98.7	40-140				
gamma-BHC (Lindane)	0.0741	0.00400	"	0.100		74.1	40-140				
gamma-Chlordane	0.0695	0.0100	"	0.100		69.5	40-140				
Heptachlor	0.0693	0.00400	"	0.100		69.3	40-140				
Heptachlor epoxide	0.0741	0.00400	"	0.100		74.1	40-140				
Methoxychlor	0.0996	0.00400	"	0.100		99.6	40-140				
Surrogate: Decachlorobiphenyl	*0.161*		*"*	*0.209*		*76.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.134*		*"*	*0.202*		*66.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80861 - EPA SW846-3510C Low Level											
LCS Dup (BB80861-BSD1)					Prepared: 02/20/2018 Analyzed: 02/21/2018						
4,4'-DDD	0.0998	0.00400	ug/L	0.100		99.8	40-140		3.57	20	
4,4'-DDE	0.0896	0.00400	"	0.100		89.6	40-140		6.40	20	
4,4'-DDT	0.0941	0.00400	"	0.100		94.1	40-140		2.80	20	
Aldrin	0.0729	0.00400	"	0.100		72.9	40-140		2.19	20	
alpha-BHC	0.0740	0.00400	"	0.100		74.0	40-140		0.237	20	
alpha-Chlordane	0.0751	0.00400	"	0.100		75.1	40-140		4.85	20	
beta-BHC	0.0857	0.00400	"	0.100		85.7	40-140		1.78	20	
delta-BHC	0.0656	0.00400	"	0.100		65.6	40-140		2.40	20	
Dieldrin	0.0829	0.00200	"	0.100		82.9	40-140		5.05	20	
Endosulfan I	0.0820	0.00400	"	0.100		82.0	40-140		5.73	20	
Endosulfan II	0.0900	0.00400	"	0.100		90.0	40-140		4.39	20	
Endosulfan sulfate	0.0930	0.00400	"	0.100		93.0	40-140		2.06	20	
Endrin	0.0870	0.00400	"	0.100		87.0	40-140		5.41	20	
Endrin aldehyde	0.0955	0.0100	"	0.100		95.5	40-140		0.0744	20	
Endrin ketone	0.100	0.0100	"	0.100		100	40-140		1.75	20	
gamma-BHC (Lindane)	0.0753	0.00400	"	0.100		75.3	40-140		1.58	20	
gamma-Chlordane	0.0734	0.0100	"	0.100		73.4	40-140		5.37	20	
Heptachlor	0.0702	0.00400	"	0.100		70.2	40-140		1.29	20	
Heptachlor epoxide	0.0766	0.00400	"	0.100		76.6	40-140		3.31	20	
Methoxychlor	0.100	0.00400	"	0.100		100	40-140		0.790	20	
Surrogate: Decachlorobiphenyl	*0.171*		"	*0.209*		*82.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.141*		"	*0.202*		*69.6*	*30-150*				
Batch BB80977 - EPA 3550C											
Blank (BB80977-BLK1)					Prepared & Analyzed: 02/22/2018						
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0554*		"	*0.0697*		*79.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0542*		"	*0.0673*		*80.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80977 - EPA 3550C											
LCS (BB80977-BS1)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.0284	0.000330	mg/kg wet	0.0333		85.3	40-140				
4,4'-DDE	0.0268	0.000330	"	0.0333		80.4	40-140				
4,4'-DDT	0.0258	0.000330	"	0.0333		77.3	40-140				
Aldrin	0.0293	0.000330	"	0.0333		87.8	40-140				
alpha-BHC	0.0310	0.000330	"	0.0333		93.1	40-140				
alpha-Chlordane	0.0273	0.000330	"	0.0333		82.0	40-140				
beta-BHC	0.0306	0.000330	"	0.0333		91.7	40-140				
delta-BHC	0.0322	0.000330	"	0.0333		96.7	40-140				
Dieldrin	0.0289	0.000330	"	0.0333		86.7	40-140				
Endosulfan I	0.0311	0.000330	"	0.0333		93.2	40-140				
Endosulfan II	0.0285	0.000330	"	0.0333		85.5	40-140				
Endosulfan sulfate	0.0291	0.000330	"	0.0333		87.4	40-140				
Endrin	0.0271	0.000330	"	0.0333		81.3	40-140				
Endrin aldehyde	0.0270	0.000330	"	0.0333		80.9	40-140				
Endrin ketone	0.0285	0.000330	"	0.0333		85.5	40-140				
gamma-BHC (Lindane)	0.0297	0.000330	"	0.0333		89.2	40-140				
gamma-Chlordane	0.0278	0.000330	"	0.0333		83.4	40-140				
Heptachlor	0.0250	0.000330	"	0.0333		74.9	40-140				
Heptachlor epoxide	0.0272	0.000330	"	0.0333		81.5	40-140				
Methoxychlor	0.0240	0.00165	"	0.0333		71.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0697*		*72.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0537*		*"*	*0.0673*		*79.7*	*30-150*				
Matrix Spike (BB80977-MS1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.0301	0.00174	mg/kg dry	0.0352	ND	85.6	30-150				
4,4'-DDE	0.0287	0.00174	"	0.0352	ND	81.6	30-150				
4,4'-DDT	0.0269	0.00174	"	0.0352	ND	76.3	30-150				
Aldrin	0.0308	0.00174	"	0.0352	ND	87.4	30-150				
alpha-BHC	0.0310	0.00174	"	0.0352	ND	88.2	30-150				
alpha-Chlordane	0.0326	0.00174	"	0.0352	ND	92.5	30-150				
beta-BHC	0.0342	0.00174	"	0.0352	ND	97.2	30-150				
delta-BHC	0.0291	0.00174	"	0.0352	ND	82.6	30-150				
Dieldrin	0.0319	0.00174	"	0.0352	ND	90.5	30-150				
Endosulfan I	0.0330	0.00174	"	0.0352	ND	93.8	30-150				
Endosulfan II	0.0304	0.00174	"	0.0352	ND	86.4	30-150				
Endosulfan sulfate	0.0290	0.00174	"	0.0352	ND	82.4	30-150				
Endrin	0.0311	0.00174	"	0.0352	ND	88.3	30-150				
Endrin aldehyde	0.0237	0.00174	"	0.0352	ND	67.4	30-150				
Endrin ketone	0.0329	0.00174	"	0.0352	ND	93.5	30-150				
gamma-BHC (Lindane)	0.0318	0.00174	"	0.0352	ND	90.3	30-150				
gamma-Chlordane	0.0322	0.00174	"	0.0352	ND	91.5	30-150				
Heptachlor	0.0297	0.00174	"	0.0352	ND	84.3	30-150				
Heptachlor epoxide	0.0323	0.00174	"	0.0352	ND	91.8	30-150				
Methoxychlor	0.0295	0.00871	"	0.0352	ND	83.8	30-150				
Surrogate: Decachlorobiphenyl	*0.0793*		*"*	*0.0736*		*108*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0684*		*"*	*0.0711*		*96.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80977 - EPA 3550C											
Matrix Spike Dup (BB80977-MSD1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.0302	0.00174	mg/kg dry	0.0352	ND	85.7	30-150		0.128	30	
4,4'-DDE	0.0255	0.00174	"	0.0352	ND	72.4	30-150		11.9	30	
4,4'-DDT	0.0234	0.00174	"	0.0352	ND	66.4	30-150		13.9	30	
Aldrin	0.0288	0.00174	"	0.0352	ND	81.9	30-150		6.56	30	
alpha-BHC	0.0296	0.00174	"	0.0352	ND	84.2	30-150		4.59	30	
alpha-Chlordane	0.0292	0.00174	"	0.0352	ND	83.1	30-150		10.8	30	
beta-BHC	0.0334	0.00174	"	0.0352	ND	95.0	30-150		2.28	30	
delta-BHC	0.0269	0.00174	"	0.0352	ND	76.4	30-150		7.85	30	
Dieldrin	0.0300	0.00174	"	0.0352	ND	85.2	30-150		6.11	30	
Endosulfan I	0.0289	0.00174	"	0.0352	ND	82.2	30-150		13.2	30	
Endosulfan II	0.0252	0.00174	"	0.0352	ND	71.7	30-150		18.6	30	
Endosulfan sulfate	0.0260	0.00174	"	0.0352	ND	74.0	30-150		10.8	30	
Endrin	0.0279	0.00174	"	0.0352	ND	79.1	30-150		11.0	30	
Endrin aldehyde	0.0215	0.00174	"	0.0352	ND	61.0	30-150		10.0	30	
Endrin ketone	0.0294	0.00174	"	0.0352	ND	83.6	30-150		11.2	30	
gamma-BHC (Lindane)	0.0300	0.00174	"	0.0352	ND	85.4	30-150		5.62	30	
gamma-Chlordane	0.0298	0.00174	"	0.0352	ND	84.7	30-150		7.74	30	
Heptachlor	0.0276	0.00174	"	0.0352	ND	78.5	30-150		7.10	30	
Heptachlor epoxide	0.0298	0.00174	"	0.0352	ND	84.7	30-150		8.00	30	
Methoxychlor	0.0275	0.00871	"	0.0352	ND	78.1	30-150		7.01	30	
Surrogate: Decachlorobiphenyl	*0.0734*		*"*	*0.0736*		*99.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0680*		*"*	*0.0711*		*95.7*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B2201 - BB80761											
Performance Mix (Y8B2201-PEM1)								Prepared & Analyzed: 02/21/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.417		"	0.00			0-200				
4,4'-DDT	191		"	200		95.6	0-200				
Endrin	123		"	100		123	0-200				
Endrin aldehyde	0.699		"	0.00			0-200				
Endrin ketone	4.40		"	0.00			0-200				
Performance Mix (Y8B2201-PEM2)								Prepared & Analyzed: 02/21/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.495		"	0.00			0-200				
4,4'-DDT	168		"	200		84.1	0-200				
Endrin	119		"	100		119	0-200				
Endrin aldehyde	0.460		"	0.00			0-200				
Endrin ketone	4.80		"	0.00			0-200				
Batch Y8B2303 - BB80761											
Performance Mix (Y8B2303-PEM1)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.484		"	0.00			0-200				
4,4'-DDT	145		"	200		72.6	0-200				
Endrin	107		"	100		107	0-200				
Endrin aldehyde	0.400		"	0.00			0-200				
Endrin ketone	4.26		"	0.00			0-200				
Performance Mix (Y8B2303-PEM2)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.526		"	0.00			0-200				
4,4'-DDT	184		"	200		92.1	0-200				
Endrin	130		"	100		130	0-200				
Endrin aldehyde	0.770		"	0.00			0-200				
Endrin ketone	5.53		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80861 - EPA SW846-3510C Low Level											
Blank (BB80861-BLK2)								Prepared: 02/20/2018 Analyzed: 02/21/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.143*		*"*	*0.202*		*70.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.239*		*"*	*0.209*		*114*	*30-120*				
LCS (BB80861-BS2)								Prepared: 02/20/2018 Analyzed: 02/21/2018			
Aroclor 1016	0.775	0.0500	ug/L	1.00		77.5	40-120				
Aroclor 1260	1.05	0.0500	"	1.00		105	40-120				
Surrogate: Tetrachloro-m-xylene	*0.126*		*"*	*0.202*		*62.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.227*		*"*	*0.209*		*109*	*30-120*				
LCS Dup (BB80861-BSD2)								Prepared: 02/20/2018 Analyzed: 02/21/2018			
Aroclor 1016	0.781	0.0500	ug/L	1.00		78.1	40-120		0.720	30	
Aroclor 1260	1.09	0.0500	"	1.00		109	40-120		3.25	30	
Surrogate: Tetrachloro-m-xylene	*0.132*		*"*	*0.202*		*65.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.234*		*"*	*0.209*		*112*	*30-120*				
Batch BB80977 - EPA 3550C											
Blank (BB80977-BLK2)								Prepared & Analyzed: 02/22/2018			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0513*		*"*	*0.0673*		*76.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0497*		*"*	*0.0697*		*71.3*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80977 - EPA 3550C											
LCS (BB80977-BS2)								Prepared & Analyzed: 02/22/2018			
Aroclor 1016	0.322	0.0167	mg/kg wet	0.333		96.6	40-130				
Aroclor 1260	0.326	0.0167	"	0.333		97.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0517*		*"*	*0.0673*		*76.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0697*		*72.7*	*30-140*				
Matrix Spike (BB80977-MS2)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared: 02/22/2018 Analyzed: 02/23/2018			
Aroclor 1016	0.398	0.0176	mg/kg dry	0.352	ND	113	40-140				
Aroclor 1260	0.384	0.0176	"	0.352	ND	109	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0605*		*"*	*0.0711*		*85.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0595*		*"*	*0.0736*		*80.9*	*30-140*				
Matrix Spike Dup (BB80977-MSD2)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared: 02/22/2018 Analyzed: 02/23/2018			
Aroclor 1016	0.370	0.0176	mg/kg dry	0.352	ND	105	40-140		7.17	50	
Aroclor 1260	0.363	0.0176	"	0.352	ND	103	40-140		5.47	50	
Surrogate: Tetrachloro-m-xylene	*0.0588*		*"*	*0.0711*		*82.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0588*		*"*	*0.0736*		*79.9*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80975 - EPA 3550B/8151A											
Blank (BB80975-BLK1)								Prepared & Analyzed: 02/22/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.716*		*"*	*0.500*		*143*	*30-150*				
LCS (BB80975-BS1)								Prepared & Analyzed: 02/22/2018			
2,4,5-T	0.178	0.0200	mg/kg wet	0.160		111	40-140				
2,4,5-TP (Silvex)	0.180	0.0200	"	0.160		112	40-140				
2,4-D	0.194	0.0200	"	0.160		121	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.576*		*"*	*0.500*		*115*	*30-150*				
Batch BB81042 - EPA 3535A											
Blank (BB81042-BLK1)								Prepared & Analyzed: 02/23/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*184*		*"*	*125*		*147*	*30-150*				
LCS (BB81042-BS1)								Prepared & Analyzed: 02/23/2018			
2,4,5-T	51.0	5.00	ug/L	40.0		128	40-140				
2,4,5-TP (Silvex)	51.8	5.00	"	40.0		129	40-140				
2,4-D	60.0	5.00	"	40.0		150	40-140	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*167*		*"*	*125*		*134*	*30-150*				
LCS Dup (BB81042-BSD1)								Prepared & Analyzed: 02/23/2018			
2,4,5-T	48.2	5.00	ug/L	40.0		121	40-140		5.54	30	
2,4,5-TP (Silvex)	49.0	5.00	"	40.0		122	40-140		5.46	30	
2,4-D	58.0	5.00	"	40.0		145	40-140	High Bias	3.39	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*160*		*"*	*125*		*128*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80840 - EPA 3050B											
Blank (BB80840-BLK1)											Prepared: 02/20/2018 Analyzed: 02/25/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	40.0	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Duplicate (BB80840-DUP1)	*Source sample: 18B0704-04 (SB111_13-15)										Prepared: 02/20/2018 Analyzed: 02/25/2018
Aluminum	7480	5.28	mg/kg dry		7710				3.00	35	
Antimony	ND	0.528	"		ND					35	
Arsenic	1.92	1.06	"		2.33				19.4	35	
Barium	42.7	1.06	"		51.7				19.0	35	
Beryllium	0.184	0.106	"		ND					35	
Cadmium	ND	0.317	"		ND					35	
Calcium	2250	5.28	"		2230				1.06	35	
Chromium	30.3	0.528	"		29.9				1.43	35	
Cobalt	8.82	0.528	"		7.55				15.6	35	
Copper	25.3	0.528	"		26.8				5.61	35	
Iron	13400	2.11	"		13700				2.34	35	
Lead	5.68	0.528	"		5.97				4.98	35	
Magnesium	3060	5.28	"		3310				7.91	35	
Manganese	338	0.528	"		354				4.55	35	
Nickel	32.5	0.528	"		29.3				10.4	35	
Potassium	1320	5.28	"		1650				22.7	35	
Selenium	ND	1.06	"		ND					35	
Silver	ND	0.528	"		ND					35	
Sodium	181	10.6	"		201				10.7	35	
Thallium	ND	1.06	"		ND					35	
Vanadium	22.1	1.06	"		26.3				17.5	35	
Zinc	34.3	1.58	"		36.4				5.82	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80840 - EPA 3050B											
Matrix Spike (BB80840-MS1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared: 02/20/2018 Analyzed: 02/25/2018			
Aluminum	7350	5.28	mg/kg dry	211	7710	NR	75-125	Low Bias			
Antimony	11.1	0.528	"	26.4	ND	42.2	75-125	Low Bias			
Arsenic	196	1.06	"	211	2.33	91.6	75-125				
Barium	252	1.06	"	211	51.7	94.8	75-125				
Beryllium	5.00	0.106	"	5.28	ND	94.8	75-125				
Cadmium	5.11	0.317	"	5.28	ND	96.8	75-125				
Chromium	37.4	0.528	"	21.1	29.9	35.6	75-125	Low Bias			
Cobalt	59.8	0.528	"	52.8	7.55	99.1	75-125				
Copper	50.5	0.528	"	26.4	26.8	90.0	75-125				
Iron	13000	2.11	"	106	13700	NR	75-125	Low Bias			
Lead	55.3	0.528	"	52.8	5.97	93.5	75-125				
Magnesium	2700	5.28	"		3310		75-125				
Manganese	390	0.528	"	52.8	354	68.4	75-125	Low Bias			
Nickel	86.9	0.528	"	52.8	29.3	109	75-125				
Potassium	1250	5.28	"		1650		75-125				
Selenium	182	1.06	"	211	ND	86.2	75-125				
Silver	1.85	0.528	"	5.28	ND	35.0	75-125	Low Bias			
Sodium	146	10.6	"		201		75-125				
Thallium	196	1.06	"	211	ND	92.7	75-125				
Vanadium	72.3	1.06	"	52.8	26.3	87.2	75-125				
Zinc	88.4	1.58	"	52.8	36.4	98.5	75-125				
Reference (BB80840-SRM1)								Prepared: 02/20/2018 Analyzed: 02/25/2018			
Aluminum	6720	5.00	mg/kg wet	8040		83.6	39.4-160.5				
Antimony	86.8	0.500	"	91.4		94.9	25.1-275.7				
Arsenic	139	1.00	"	146		95.1	69.9-132.9				
Barium	98.0	1.00	"	102		96.1	71.5-136.3				
Beryllium	130	0.100	"	134		97.1	75.4-138.1				
Cadmium	59.2	0.300	"	63.2		93.7	73.3-141.5				
Calcium	5910	5.00	"	5930		99.6	73.7-136.1				
Chromium	81.8	0.500	"	89.3		91.6	69.1-143.3				
Cobalt	118	0.500	"	119		98.8	74.6-142				
Copper	64.4	0.500	"	60.8		106	72.7-141.6				
Iron	11800	2.00	"	14400		81.8	35.6-163.9				
Lead	92.8	0.500	"	98.5		94.2	70.8-137.1				
Magnesium	2400	5.00	"	2580		93.1	63.6-136.1				
Manganese	382	0.500	"	370		103	75.7-134.3				
Nickel	69.3	0.500	"	66.6		104	70.7-146.3				
Potassium	2070	5.00	"	2340		88.4	59.8-140.2				
Selenium	119	1.00	"	136		87.4	67.1-136.8				
Silver	45.6	0.500	"	48.9		93.3	66.5-139.5				
Sodium	301	10.0	"	318		94.8	40.6-159.8				
Thallium	131	1.00	"	138		94.6	68-136.2				
Vanadium	61.1	1.00	"	69.7		87.7	58.9-141.8				
Zinc	164	1.50	"	177		92.4	69.5-131.1				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80930 - EPA 3050B											
Blank (BB80930-BLK1)									Prepared & Analyzed: 02/21/2018		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	40.0	"								
Iron	ND	10.0	"								
Lead	ND	2.00	"								
Magnesium	ND	15.0	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	50.0	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BB80930-DUP1)	*Source sample: 18B0704-05 (SB111_24-26)								Prepared & Analyzed: 02/21/2018		
Aluminum	6100	5.36	mg/kg dry		6510				6.58	35	
Antimony	ND	0.536	"		ND					35	
Arsenic	1.51	1.07	"		1.50				1.07	35	
Barium	45.5	1.07	"		61.3				29.6	35	
Beryllium	ND	0.107	"		ND					35	
Cadmium	ND	0.322	"		ND					35	
Calcium	1950	5.36	"		1800				7.79	35	
Chromium	15.0	0.536	"		19.5				26.1	35	
Cobalt	8.76	0.536	"		9.47				7.81	35	
Copper	28.6	0.536	"		39.0				30.7	35	
Iron	12700	2.15	"		13500				5.83	35	
Lead	6.92	0.536	"		7.87				12.8	35	
Magnesium	5170	5.36	"		6410				21.4	35	
Manganese	336	0.536	"		423				22.9	35	
Nickel	44.1	0.536	"		50.9				14.3	35	
Potassium	1910	5.36	"		2270				17.3	35	
Selenium	ND	1.07	"		ND					35	
Silver	ND	0.536	"		ND					35	
Sodium	ND	10.7	"		ND					35	
Thallium	ND	1.07	"		ND					35	
Vanadium	22.7	1.07	"		24.1				5.84	35	
Zinc	37.1	1.61	"		37.7				1.52	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80930 - EPA 3050B											
Matrix Spike (BB80930-MS1)	*Source sample: 18B0704-05 (SB111_24-26)							Prepared & Analyzed: 02/21/2018			
Aluminum	5940	5.36	mg/kg dry	215	6510	NR	75-125	Low Bias			
Antimony	13.0	0.536	"	26.8	ND	48.5	75-125	Low Bias			
Arsenic	226	1.07	"	215	1.50	105	75-125				
Barium	265	1.07	"	215	61.3	95.0	75-125				
Beryllium	5.35	0.107	"	5.36	ND	99.6	75-125				
Cadmium	5.94	0.322	"	5.36	ND	111	75-125				
Chromium	39.2	0.536	"	21.5	19.5	91.7	75-125				
Cobalt	67.2	0.536	"	53.6	9.47	108	75-125				
Copper	62.7	0.536	"	26.8	39.0	88.5	75-125				
Iron	11800	2.15	"	107	13500	NR	75-125	Low Bias			
Lead	63.9	0.536	"	53.6	7.87	104	75-125				
Magnesium	4990	5.36	"		6410		75-125				
Manganese	363	0.536	"	53.6	423	NR	75-125	Low Bias			
Nickel	107	0.536	"	53.6	50.9	104	75-125				
Potassium	1870	5.36	"		2270		75-125				
Selenium	203	1.07	"	215	ND	94.5	75-125				
Silver	1.84	0.536	"	5.36	ND	34.4	75-125	Low Bias			
Sodium	ND	10.7	"		ND		75-125				
Thallium	208	1.07	"	215	ND	96.8	75-125				
Vanadium	72.5	1.07	"	53.6	24.1	90.2	75-125				
Zinc	89.8	1.61	"	53.6	37.7	97.1	75-125				
Reference (BB80930-SRM1)								Prepared & Analyzed: 02/21/2018			
Aluminum	8390	5.00	mg/kg wet	8040		104	42.2-150.5				
Antimony	119	0.500	"	91.4		130	0.5-225.4				
Arsenic	166	1.00	"	146		114	79.5-119.9				
Barium	116	1.00	"	102		114	80.7-119.6				
Beryllium	155	0.100	"	134		115	79.9-120.9				
Cadmium	72.7	0.300	"	63.2		115	79.7-120.4				
Calcium	6410	5.00	"	5930		108	79.1-120.9				
Chromium	100	0.500	"	89.3		112	76.4-123.2				
Cobalt	150	0.500	"	119		126	80.4-117.9	High Bias			
Copper	79.7	0.500	"	60.8		131	78.9-121.1	High Bias			
Iron	15600	2.00	"	14400		108	44.1-155.6				
Lead	117	0.500	"	98.5		119	79.2-120.8				
Magnesium	2940	5.00	"	2580		114	74-125.6				
Manganese	439	0.500	"	370		119	78.6-121.6				
Nickel	87.1	0.500	"	66.6		131	79.6-120.4	High Bias			
Potassium	2720	5.00	"	2340		116	68.8-131.2				
Selenium	136	1.00	"	136		99.9	75.7-125				
Silver	53.8	0.500	"	48.9		110	71.4-128.8				
Sodium	ND	10.0	"	318			65.7-134.6	Low Bias			
Thallium	143	1.00	"	138		103	76.8-123.2				
Vanadium	75.6	1.00	"	69.7		108	75.2-124.8				
Zinc	205	1.50	"	177		116	80.2-120.3				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81061 - EPA 3015A											
Blank (BB81061-BLK1)											Prepared: 02/23/2018 Analyzed: 02/25/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.0100	"								
Iron	ND	0.0444	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	0.491	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Reference (BB81061-SRM1)											Prepared: 02/23/2018 Analyzed: 02/25/2018
Aluminum	0.929		ug/mL	0.720		129	81.4-117.2	High Bias			
Barium	0.519		"	0.500		104	85-115				
Calcium	32.7		"	33.0		99.0	86.5-114.3				
Chromium	0.895		"	0.860		104	85-115				
Copper	0.352		"	0.320		110	85-115				
Iron	1.43		"	1.40		102	84.9-115				
Lead	0.649		"	0.640		101	85-115				
Magnesium	82.3		"	80.1		103	86.3-114.8				
Manganese	1.10		"	1.02		108	84.9-115				
Nickel	1.80		"	1.78		101	87-113.7				
Potassium	9.65		"	10.3		93.7	84.9-115				
Silver	0.626		"	0.600		104	85-115				
Sodium	23.8		"	22.7		105	85-115				
Vanadium	1.69		"	1.66		102	85-114.9				
Zinc	1.49		"	1.62		91.8	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81062 - EPA 3015A											
Blank (BB81062-BLK1)											Prepared: 02/23/2018 Analyzed: 02/26/2018
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB81062-BS1)											Prepared: 02/23/2018 Analyzed: 02/26/2018
Antimony	37.9		ug/L	50.0		75.7	80-120	Low Bias			
Arsenic	38.4		"	50.0		76.8	80-120	Low Bias			
Beryllium	52.6		"	50.0		105	80-120				
Cadmium	39.2		"	50.0		78.4	80-120	Low Bias			
Selenium	30.2		"	50.0		60.4	80-120	Low Bias			
Thallium	45.2		"	50.0		90.4	80-120				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80838 - EPA 7473 soil											
Blank (BB80838-BLK1)								Prepared & Analyzed: 02/20/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB80838-DUP1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared & Analyzed: 02/20/2018			
Mercury	ND	0.0317	mg/kg dry		ND					35	
Matrix Spike (BB80838-MS1)	*Source sample: 18B0704-04 (SB111_13-15)							Prepared & Analyzed: 02/20/2018			
Mercury	0.423		mg/kg	0.500	0.0100	82.6	75-125				
Reference (BB80838-SRM1)								Prepared & Analyzed: 02/20/2018			
Mercury	9.8837		mg/kg	13.8		71.6	57.1-143.5				
Batch BB80929 - EPA 7473 soil											
Blank (BB80929-BLK1)								Prepared & Analyzed: 02/21/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BB80929-SRM1)								Prepared & Analyzed: 02/21/2018			
Mercury	11.266		mg/kg	13.8		81.6	57.1-143.5				
Batch BB80994 - EPA 7473 water											
Blank (BB80994-BLK1)								Prepared & Analyzed: 02/22/2018			
Mercury	ND	0.00020	mg/L								
Reference (BB80994-SRM1)								Prepared & Analyzed: 02/22/2018			
Mercury	0.00534		mg/L	0.00740		72.2	70-130				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81027 - % Solids Prep											
Duplicate (BB81027-DUP1)	*Source sample: 18B0704-04 (SB111_13-15)								Prepared: 02/22/2018 Analyzed: 02/23/2018		
% Solids	95.4	0.100	%		94.7				0.691	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80937 - Analysis Preparation											
Blank (BB80937-BLK1)								Prepared & Analyzed: 02/21/2018			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB80937-BS1)								Prepared & Analyzed: 02/21/2018			
Chromium, Hexavalent	0.468	0.0100	mg/L	0.500		93.6	80-120				
Duplicate (BB80937-DUP1)	*Source sample: 18B0704-06 (EBFB05_021718)							Prepared & Analyzed: 02/21/2018			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BB80937-MS1)	*Source sample: 18B0704-06 (EBFB05_021718)							Prepared & Analyzed: 02/21/2018			
Chromium, Hexavalent	0.480	0.0100	mg/L	0.500	ND	96.0	75-125				
Batch BB81022 - Analysis Preparation											
Blank (BB81022-BLK1)								Prepared & Analyzed: 02/22/2018			
Cyanide, total	ND	0.0100	mg/L								
LCS (BB81022-BS1)								Prepared & Analyzed: 02/22/2018			
Cyanide, total	0.180	0.0100	mg/L	0.200		90.1	76.2-107				
Duplicate (BB81022-DUP1)	*Source sample: 18B0704-06 (EBFB05_021718)							Prepared & Analyzed: 02/22/2018			
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BB81022-MS1)	*Source sample: 18B0704-06 (EBFB05_021718)							Prepared & Analyzed: 02/22/2018			
Cyanide, total	0.162	0.0100	mg/L	0.200	ND	81.0	79-105				
Batch BB81052 - EPA SW846-3060											
Blank (BB81052-BLK1)								Prepared & Analyzed: 02/23/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81052 - EPA SW846-3060											
Duplicate (BB81052-DUP1)	*Source sample: 18B0704-04 (SB111_13-15)								Prepared & Analyzed: 02/23/2018		
Chromium, Hexavalent	ND	0.528	mg/kg dry		ND					35	
Matrix Spike (BB81052-MS1)	*Source sample: 18B0704-04 (SB111_13-15)								Prepared & Analyzed: 02/23/2018		
Chromium, Hexavalent	18.9	0.528	mg/kg dry	21.1	ND	89.6	75-125				
Reference (BB81052-SRM1)									Prepared & Analyzed: 02/23/2018		
Chromium, Hexavalent	106		mg/L	207		51.4	40.5-101.9				
Batch BB81064 - Analysis Preparation Soil											
Blank (BB81064-BLK1)									Prepared & Analyzed: 02/23/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BB81064-DUP1)	*Source sample: 18B0704-04 (SB111_13-15)								Prepared & Analyzed: 02/23/2018		
Cyanide, total	ND	0.528	mg/kg dry		ND					15	
Matrix Spike (BB81064-MS1)	*Source sample: 18B0704-04 (SB111_13-15)								Prepared & Analyzed: 02/23/2018		
Cyanide, total	8.37	0.528	mg/kg dry	10.6	ND	79.3	79.6-107	Low Bias			
Reference (BB81064-SRM1)									Prepared & Analyzed: 02/23/2018		
Cyanide, total	13.6		ug/mL	62.8		21.7	6.37-86				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0704-01	SB111_0-2	40mL Vial with Stir Bar-Cool 4° C
18B0704-02	DUP06_021718	40mL Vial with Stir Bar-Cool 4° C
18B0704-04	SB111_13-15	40mL Vial with Stir Bar-Cool 4° C
18B0704-05	SB111_24-26	40mL Vial with Stir Bar-Cool 4° C
18B0704-06	EBFB05_021718	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18B0704-07	EBTB05_021718	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BS	The recovery for this element in the batch blank spike recovered slightly below but > 60%
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S-08	The recovery of this surrogate was outside of QC limits.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-DUP	Duplicate analysis confirmed surrogate failure due to matrix effects.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B0704

YOUR Information	**Report To:**	**Invoice To:**
Company: LANGAN, DPC	Company: SAME	Company: SAME
Address:	Address:	Address:
Phone No.	Phone No.	Phone No.
Contact Person: KIM DELGUERCIO	Attention:	Attention:
E-Mail Address: KDELGUER@LANGAN.COM	E-Mail Address: SKNUDSEN@LANGAN.COM	E-Mail Address:

YOUR Project ID: 170384501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison Excel Spreadsheet

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

LUKE SMCENTYRE

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB111_0-2	2/17/18 8:10	Soil	TCL+30 VOCs + SVOCs, PCBs, PEST, HERBS, TAL METALS, Cr^{6+}, Cr^{3+}	4x4oz, 2x8oz
DUP04_021718	"	Soil		
SB111_6-8	8:15	Soil	(HOLD)	
SB111_13-15	9:35	Soil		
EBMS04_021718	9:35	Soil		
EBMSD04_021718	9:35	Soil		
SB111_24-26	14:20	Soil	(HOLD)	
EBFB05_021718	16:20	AQ.		3x40mL, 4x250mL, 6x1000mL
EBTB05_021718	"	AQ.	TCL+30 VOCs	2x40mL

Page 129 of 129

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 2/17/18 1730

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 2/17/18 1700

Samples Received in LAB by: Grace 2-19-18 — Date/Time: 1050

Temperature on Receipt 0.9 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/26/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0747

Report Date: 02/26/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0747

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 20, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0747-01	SB111_36-38	Soil	02/18/2018	02/20/2018
18B0747-02	ETB06_021818	Water	02/18/2018	02/20/2018

General Notes for York Project (SDG) No.: 18B0747

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/26/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.039	0.077	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	**Methyl acetate**	**0.0043**		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0039	0.0077	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0039	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C	02/22/2018 07:30	02/22/2018 12:31	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*124 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.6 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	02/22/2018 07:30	02/23/2018 12:20	RDS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.340	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
122-39-4	Diphenylamine	ND		mg/kg dry	0.0848	0.169	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		mg/kg dry	0.0425	0.0848	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.170	0.340	2	EPA 8270D	02/22/2018 13:09	02/23/2018 19:23	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*65.9 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*70.4 %*	*23-114*

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*71.3 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*97.3 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*57.6 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	02/22/2018 13:09	02/23/2018 19:23	SR

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/22/2018 07:39	02/22/2018 19:23	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0336	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH	02/22/2018 07:39	02/22/2018 19:23	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/22/2018 07:39	02/22/2018 19:23	SA

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:23	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00840	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0850	5	EPA 8081B	02/22/2018 07:39	02/22/2018 19:23	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*109 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	02/22/2018 07:39	02/22/2018 21:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	02/22/2018 07:39	02/22/2018 21:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	02/22/2018 07:39	02/22/2018 21:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	02/22/2018 07:39	02/22/2018 21:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	02/22/2018 07:39	02/22/2018 21:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	02/22/2018 07:39	02/22/2018 21:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	02/22/2018 07:39	02/22/2018 21:11	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	02/22/2018 07:39	02/22/2018 21:11	LAB
							Certifications:			

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.2 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0199	1	EPA 8151A	02/22/2018 04:23	02/22/2018 15:05	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0199	1	EPA 8151A	02/22/2018 04:23	02/22/2018 15:05	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0199	1	EPA 8151A	02/22/2018 04:23	02/22/2018 15:05	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*67.8 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6850**		mg/kg dry	5.09	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.509	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.02	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**47.0**		mg/kg dry	1.02	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.102	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.305	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4250**		mg/kg dry	5.09	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.5**		mg/kg dry	0.509	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.58**		mg/kg dry	0.509	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**40.8**		mg/kg dry	2.04	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**14000**		mg/kg dry	2.04	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**4.09**		mg/kg dry	0.509	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**6010**		mg/kg dry	5.09	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**328**		mg/kg dry	0.509	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**33.7**		mg/kg dry	0.509	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1700**		mg/kg dry	5.09	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.02	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.509	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**568**		mg/kg dry	10.2	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.02	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**31.4**		mg/kg dry	1.02	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**28.6**		mg/kg dry	1.53	1	EPA 6010C	02/22/2018 09:46	02/26/2018 14:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0305	1	EPA 7473	02/21/2018 10:02	02/21/2018 16:48	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.3**		%	0.100	1	SM 2540G	02/23/2018 11:45	02/23/2018 15:43	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB111_36-38 **York Sample ID:** 18B0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Soil	February 18, 2018 8:15 am	02/20/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.509	1	EPA 7196A	02/23/2018 08:01	02/23/2018 15:07	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	16.5		mg/kg	0.500	1	Calculation	02/26/2018 12:44	02/26/2018 17:03	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.509	1	EPA 9014/9010C	02/22/2018 10:50	02/22/2018 16:42	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: ETB06_021818 **York Sample ID:** 18B0747-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Water	February 18, 2018 8:15 am	02/20/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: ETB06_021818 **York Sample ID:** 18B0747-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Water	February 18, 2018 8:15 am	02/20/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: ETB06_021818 **York Sample ID:** 18B0747-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Water	February 18, 2018 8:15 am	02/20/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: ETB06_021818 **York Sample ID:** 18B0747-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0747	170384501	Water	February 18, 2018 8:15 am	02/20/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	02/23/2018 12:33	02/24/2018 07:57	RDS
							Certifications:			

Analytical Batch Summary

Batch ID: BB80932 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/21/18
BB80932-BLK1	Blank	02/21/18
BB80932-SRM1	Reference	02/21/18

Batch ID: BB80975 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/22/18
BB80975-BLK1	Blank	02/22/18
BB80975-BS1	LCS	02/22/18

Batch ID: BB80977 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/22/18
18B0747-01	SB111_36-38	02/22/18
BB80977-BLK1	Blank	02/22/18
BB80977-BLK2	Blank	02/22/18
BB80977-BS1	LCS	02/22/18
BB80977-BS2	LCS	02/22/18

Batch ID: BB80991 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/22/18
BB80991-BLK1	Blank	02/22/18
BB80991-SRM1	Reference	02/22/18

Batch ID: BB81004 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/22/18
BB81004-BLK1	Blank	02/22/18
BB81004-SRM1	Reference	02/22/18

Batch ID: BB81016 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/22/18
18B0747-01	SB111_36-38	02/22/18
BB81016-BLK1	Blank	02/22/18
BB81016-BLK1	Blank	02/22/18

BB81016-BS1	LCS	02/22/18

Batch ID: BB81052 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/23/18
BB81052-BLK1	Blank	02/23/18
BB81052-SRM1	Reference	02/23/18

Batch ID: BB81070 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/23/18

Batch ID: BB81085 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/22/18
BB81085-BLK1	Blank	02/22/18
BB81085-BLK2	Blank	02/22/18
BB81085-BS1	LCS	02/22/18
BB81085-BSD1	LCS Dup	02/22/18

Batch ID: BB81093 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-02	ETB06_021818	02/23/18
18B0747-02	ETB06_021818	02/23/18
BB81093-BLK1	Blank	02/23/18
BB81093-BS1	LCS	02/23/18
BB81093-BSD1	LCS Dup	02/23/18

Batch ID: BB81142 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0747-01	SB111_36-38	02/26/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
Blank (BB81085-BLK1)											Prepared & Analyzed: 02/22/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

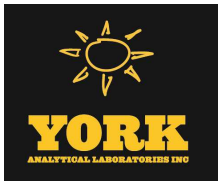
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
Blank (BB81085-BLK1)									Prepared & Analyzed: 02/22/2018		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*56.4*		*ug/L*	*50.0*		*113*	*77-125*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*45.4*		*"*	*50.0*		*90.8*	*76-130*				
Blank (BB81085-BLK2)									Prepared & Analyzed: 02/22/2018		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
Blank (BB81085-BLK2)											Prepared & Analyzed: 02/22/2018
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*57.7*		*ug/L*	*50.0*		*115*	*77-125*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*45.6*		*"*	*50.0*		*91.1*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
LCS (BB81085-BS1)								Prepared & Analyzed: 02/22/2018			
1,1,1,2-Tetrachloroethane	47.8		ug/L	50.0		95.7	75-129				
1,1,1-Trichloroethane	49.1		"	50.0		98.2	71-137				
1,1,2,2-Tetrachloroethane	45.1		"	50.0		90.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.6		"	50.0		95.3	58-146				
1,1,2-Trichloroethane	44.5		"	50.0		89.0	83-123				
1,1-Dichloroethane	47.5		"	50.0		95.0	75-130				
1,1-Dichloroethylene	48.7		"	50.0		97.5	64-137				
1,2,3-Trichlorobenzene	46.5		"	50.0		93.0	81-140				
1,2,3-Trichloropropane	46.5		"	50.0		93.1	81-126				
1,2,4-Trichlorobenzene	46.3		"	50.0		92.6	80-141				
1,2,4-Trimethylbenzene	45.7		"	50.0		91.5	84-125				
1,2-Dibromo-3-chloropropane	47.0		"	50.0		94.1	74-142				
1,2-Dibromoethane	46.1		"	50.0		92.1	86-123				
1,2-Dichlorobenzene	46.0		"	50.0		92.0	85-122				
1,2-Dichloroethane	48.9		"	50.0		97.8	71-133				
1,2-Dichloropropane	46.8		"	50.0		93.7	81-122				
1,3,5-Trimethylbenzene	47.2		"	50.0		94.4	82-126				
1,3-Dichlorobenzene	46.1		"	50.0		92.2	84-124				
1,4-Dichlorobenzene	45.0		"	50.0		90.0	84-124				
1,4-Dioxane	846		"	1050		80.6	10-228				
2-Butanone	54.0		"	50.0		108	58-147				
2-Hexanone	42.2		"	50.0		84.3	70-139				
4-Methyl-2-pentanone	43.4		"	50.0		86.9	72-132				
Acetone	40.1		"	50.0		80.1	36-155				
Acrolein	21.4		"	50.0		42.8	10-238				
Acrylonitrile	43.9		"	50.0		87.8	66-141				
Benzene	46.0		"	50.0		91.9	77-127				
Bromochloromethane	45.7		"	50.0		91.3	74-129				
Bromodichloromethane	47.1		"	50.0		94.2	81-124				
Bromoform	48.7		"	50.0		97.5	80-136				
Bromomethane	56.4		"	50.0		113	32-177				
Carbon disulfide	49.3		"	50.0		98.6	10-136				
Carbon tetrachloride	52.1		"	50.0		104	66-143				
Chlorobenzene	46.6		"	50.0		93.3	86-120				
Chloroethane	53.6		"	50.0		107	51-142				
Chloroform	47.6		"	50.0		95.1	76-131				
Chloromethane	49.8		"	50.0		99.6	49-132				
cis-1,2-Dichloroethylene	41.9		"	50.0		83.8	74-132				
cis-1,3-Dichloropropylene	47.6		"	50.0		95.3	81-129				
Cyclohexane	43.5		"	50.0		87.0	70-130				
Dibromochloromethane	48.2		"	50.0		96.5	10-200				
Dibromomethane	48.2		"	50.0		96.3	83-124				
Dichlorodifluoromethane	58.7		"	50.0		117	28-158				
Ethyl Benzene	46.4		"	50.0		92.9	84-125				
Hexachlorobutadiene	49.9		"	50.0		99.8	83-133				
Isopropylbenzene	45.9		"	50.0		91.8	81-127				
Methyl acetate	41.1		"	50.0		82.2	41-143				
Methyl tert-butyl ether (MTBE)	45.6		"	50.0		91.1	74-131				
Methylcyclohexane	45.1		"	50.0		90.2	70-130				
Methylene chloride	42.7		"	50.0		85.5	57-141				
n-Butylbenzene	46.6		"	50.0		93.2	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
LCS (BB81085-BS1)								Prepared & Analyzed: 02/22/2018			
n-Propylbenzene	46.7		ug/L	50.0		93.4	74-136				
o-Xylene	47.2		"	50.0		94.4	83-123				
p- & m- Xylenes	91.2		"	100		91.2	82-128				
p-Isopropyltoluene	48.7		"	50.0		97.4	85-125				
sec-Butylbenzene	48.9		"	50.0		97.9	83-125				
Styrene	41.6		"	50.0		83.2	86-126	Low Bias			
tert-Butyl alcohol (TBA)	228		"	250		91.1	70-130				
tert-Butylbenzene	47.8		"	50.0		95.6	80-127				
Tetrachloroethylene	45.2		"	50.0		90.3	80-129				
Toluene	44.4		"	50.0		88.8	85-121				
trans-1,2-Dichloroethylene	46.8		"	50.0		93.7	72-132				
trans-1,3-Dichloropropylene	46.8		"	50.0		93.5	78-132				
Trichloroethylene	48.5		"	50.0		97.0	84-123				
Trichlorofluoromethane	57.6		"	50.0		115	62-140				
Vinyl Chloride	53.6		"	50.0		107	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*47.1*		*"*	*50.0*		*94.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BB81085-BSD1)								Prepared & Analyzed: 02/22/2018			
1,1,1,2-Tetrachloroethane	48.3		ug/L	50.0		96.6	75-129		0.957	30	
1,1,1-Trichloroethane	50.2		"	50.0		100	71-137		2.17	30	
1,1,2,2-Tetrachloroethane	45.4		"	50.0		90.9	79-129		0.685	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.9		"	50.0		104	58-146		8.54	30	
1,1,2-Trichloroethane	43.5		"	50.0		87.1	83-123		2.18	30	
1,1-Dichloroethane	48.6		"	50.0		97.1	75-130		2.16	30	
1,1-Dichloroethylene	50.7		"	50.0		101	64-137		3.90	30	
1,2,3-Trichlorobenzene	47.0		"	50.0		93.9	81-140		0.963	30	
1,2,3-Trichloropropane	45.3		"	50.0		90.7	81-126		2.61	30	
1,2,4-Trichlorobenzene	46.6		"	50.0		93.2	80-141		0.646	30	
1,2,4-Trimethylbenzene	47.6		"	50.0		95.2	84-125		4.01	30	
1,2-Dibromo-3-chloropropane	48.0		"	50.0		95.9	74-142		1.96	30	
1,2-Dibromoethane	47.2		"	50.0		94.4	86-123		2.44	30	
1,2-Dichlorobenzene	47.1		"	50.0		94.2	85-122		2.30	30	
1,2-Dichloroethane	50.7		"	50.0		101	71-133		3.59	30	
1,2-Dichloropropane	46.7		"	50.0		93.4	81-122		0.235	30	
1,3,5-Trimethylbenzene	45.4		"	50.0		90.7	82-126		3.95	30	
1,3-Dichlorobenzene	44.6		"	50.0		89.3	84-124		3.20	30	
1,4-Dichlorobenzene	44.6		"	50.0		89.1	84-124		0.960	30	
1,4-Dioxane	865		"	1050		82.4	10-228		2.18	30	
2-Butanone	48.0		"	50.0		95.9	58-147		11.8	30	
2-Hexanone	40.9		"	50.0		81.7	70-139		3.13	30	
4-Methyl-2-pentanone	43.4		"	50.0		86.8	72-132		0.0921	30	
Acetone	40.2		"	50.0		80.5	36-155		0.448	30	
Acrolein	22.1		"	50.0		44.2	10-238		3.13	30	
Acrylonitrile	39.8		"	50.0		79.7	66-141		9.72	30	
Benzene	46.8		"	50.0		93.6	77-127		1.81	30	
Bromochloromethane	45.6		"	50.0		91.3	74-129		0.0876	30	
Bromodichloromethane	46.9		"	50.0		93.9	81-124		0.362	30	
Bromoform	48.3		"	50.0		96.6	80-136		0.928	30	
Bromomethane	55.8		"	50.0		112	32-177		0.981	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81085 - EPA 5035A											
LCS Dup (BB81085-BSD1)								Prepared & Analyzed: 02/22/2018			
Carbon disulfide	50.8		ug/L	50.0		102	10-136		3.10	30	
Carbon tetrachloride	54.0		"	50.0		108	66-143		3.64	30	
Chlorobenzene	46.6		"	50.0		93.1	86-120		0.193	30	
Chloroethane	56.5		"	50.0		113	51-142		5.16	30	
Chloroform	48.8		"	50.0		97.6	76-131		2.61	30	
Chloromethane	53.0		"	50.0		106	49-132		6.22	30	
cis-1,2-Dichloroethylene	43.3		"	50.0		86.6	74-132		3.29	30	
cis-1,3-Dichloropropylene	47.3		"	50.0		94.6	81-129		0.695	30	
Cyclohexane	44.8		"	50.0		89.6	70-130		2.99	30	
Dibromochloromethane	49.6		"	50.0		99.3	10-200		2.84	30	
Dibromomethane	46.6		"	50.0		93.3	83-124		3.16	30	
Dichlorodifluoromethane	59.8		"	50.0		120	28-158		1.86	30	
Ethyl Benzene	47.3		"	50.0		94.6	84-125		1.90	30	
Hexachlorobutadiene	50.5		"	50.0		101	83-133		1.19	30	
Isopropylbenzene	46.6		"	50.0		93.1	81-127		1.41	30	
Methyl acetate	44.2		"	50.0		88.5	41-143		7.38	30	
Methyl tert-butyl ether (MTBE)	47.4		"	50.0		94.8	74-131		3.96	30	
Methylcyclohexane	45.4		"	50.0		90.8	70-130		0.685	30	
Methylene chloride	44.1		"	50.0		88.2	57-141		3.11	30	
n-Butylbenzene	47.2		"	50.0		94.3	80-130		1.22	30	
n-Propylbenzene	47.0		"	50.0		93.9	74-136		0.598	30	
o-Xylene	46.8		"	50.0		93.5	83-123		0.937	30	
p- & m- Xylenes	89.1		"	100		89.1	82-128		2.34	30	
p-Isopropyltoluene	48.3		"	50.0		96.6	85-125		0.784	30	
sec-Butylbenzene	48.8		"	50.0		97.6	83-125		0.307	30	
Styrene	41.9		"	50.0		83.7	86-126	Low Bias	0.671	30	
tert-Butyl alcohol (TBA)	250		"	250		99.9	70-130		9.21	30	
tert-Butylbenzene	48.2		"	50.0		96.3	80-127		0.771	30	
Tetrachloroethylene	45.5		"	50.0		90.9	80-129		0.640	30	
Toluene	45.2		"	50.0		90.3	85-121		1.65	30	
trans-1,2-Dichloroethylene	48.4		"	50.0		96.8	72-132		3.30	30	
trans-1,3-Dichloropropylene	47.9		"	50.0		95.8	78-132		2.41	30	
Trichloroethylene	48.5		"	50.0		97.0	84-123		0.00	30	
Trichlorofluoromethane	58.4		"	50.0		117	62-140		1.50	30	
Vinyl Chloride	55.4		"	50.0		111	52-130		3.23	30	
Surrogate: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*47.6*		*"*	*50.0*		*95.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81093 - EPA 5030B											
Blank (BB81093-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Prepared: 02/23/2018 Analyzed: 02/24/2018

Volatile Organic Compounds by GC/MS - Quality Control Data

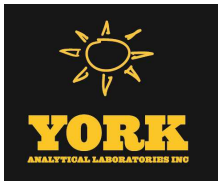
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81093 - EPA 5030B											
Blank (BB81093-BLK1)								Prepared: 02/23/2018 Analyzed: 02/24/2018			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*9.95*		*"*	*10.0*		*99.5*	*69-130*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BB81093-BS1)								Prepared: 02/23/2018 Analyzed: 02/24/2018			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	9.87		"	10.0		98.7	78-136				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165				
1,1,2-Trichloroethane	9.97		"	10.0		99.7	82-123				
1,1-Dichloroethane	10.2		"	10.0		102	82-129				
1,1-Dichloroethylene	9.59		"	10.0		95.9	68-138				
1,2,3-Trichlorobenzene	11.7		"	10.0		117	76-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	9.66		"	10.0		96.6	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123				
1,2-Dichloroethane	9.86		"	10.0		98.6	73-132				
1,2-Dichloropropane	9.86		"	10.0		98.6	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,4-Dichlorobenzene	9.87		"	10.0		98.7	85-124				
1,4-Dioxane	324		"	210		154	10-349				
2-Butanone	10.4		"	10.0		104	49-152				
2-Hexanone	9.53		"	10.0		95.3	51-146				
4-Methyl-2-pentanone	9.90		"	10.0		99.0	57-145				
Acetone	9.09		"	10.0		90.9	14-150				
Acrolein	58.0		"	10.0		580	10-153	High Bias			
Acrylonitrile	9.76		"	10.0		97.6	51-150				
Benzene	10.3		"	10.0		103	85-126				
Bromochloromethane	9.94		"	10.0		99.4	77-128				
Bromodichloromethane	9.45		"	10.0		94.5	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81093 - EPA 5030B											
LCS (BB81093-BS1)								Prepared: 02/23/2018 Analyzed: 02/24/2018			
Bromoform	9.88		ug/L	10.0		98.8	78-133				
Bromomethane	12.9		"	10.0		129	43-168				
Carbon disulfide	10.9		"	10.0		109	68-146				
Carbon tetrachloride	9.91		"	10.0		99.1	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	11.2		"	10.0		112	65-136				
Chloroform	9.86		"	10.0		98.6	82-128				
Chloromethane	13.3		"	10.0		133	43-155				
cis-1,2-Dichloroethylene	9.59		"	10.0		95.9	83-129				
cis-1,3-Dichloropropylene	9.72		"	10.0		97.2	80-131				
Cyclohexane	10.8		"	10.0		108	63-149				
Dibromochloromethane	10.2		"	10.0		102	80-130				
Dibromomethane	9.74		"	10.0		97.4	72-134				
Dichlorodifluoromethane	14.5		"	10.0		145	44-144	High Bias			
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl acetate	9.68		"	10.0		96.8	51-139				
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135				
Methylcyclohexane	10.1		"	10.0		101	72-143				
Methylene chloride	8.81		"	10.0		88.1	55-137				
n-Butylbenzene	10.1		"	10.0		101	79-132				
n-Propylbenzene	10.3		"	10.0		103	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.1		"	20.0		106	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.8		"	10.0		108	79-137				
Styrene	9.96		"	10.0		99.6	67-132				
tert-Butyl alcohol (TBA)	9.78		"	50.0		19.6	25-162	Low Bias			
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	9.17		"	10.0		91.7	82-131				
Toluene	10.2		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	9.91		"	10.0		99.1	80-132				
trans-1,3-Dichloropropylene	9.24		"	10.0		92.4	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	12.5		"	10.0		125	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.81*		*"*	*10.0*		*98.1*	*69-130*				
Surrogate: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81093 - EPA 5030B											
LCS Dup (BB81093-BSD1)								Prepared: 02/23/2018 Analyzed: 02/24/2018			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		2.15	30	
1,1,1-Trichloroethane	9.52		"	10.0		95.2	78-136		3.61	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		0.195	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.70		"	10.0		97.0	54-165		3.74	30	
1,1,2-Trichloroethane	9.82		"	10.0		98.2	82-123		1.52	30	
1,1-Dichloroethane	9.99		"	10.0		99.9	82-129		2.08	30	
1,1-Dichloroethylene	9.21		"	10.0		92.1	68-138		4.04	30	
1,2,3-Trichlorobenzene	11.5		"	10.0		115	76-136		1.64	30	
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		1.18	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137		1.96	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		2.52	30	
1,2-Dibromo-3-chloropropane	9.62		"	10.0		96.2	45-147		0.415	30	
1,2-Dibromoethane	9.95		"	10.0		99.5	83-124		1.99	30	
1,2-Dichlorobenzene	9.98		"	10.0		99.8	79-123		0.898	30	
1,2-Dichloroethane	9.63		"	10.0		96.3	73-132		2.36	30	
1,2-Dichloropropane	9.62		"	10.0		96.2	78-126		2.46	30	
1,3,5-Trimethylbenzene	9.94		"	10.0		99.4	80-131		2.88	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		1.56	30	
1,4-Dichlorobenzene	9.74		"	10.0		97.4	85-124		1.33	30	
1,4-Dioxane	277		"	210		132	10-349		15.5	30	
2-Butanone	9.96		"	10.0		99.6	49-152		4.13	30	
2-Hexanone	9.31		"	10.0		93.1	51-146		2.34	30	
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145		1.01	30	
Acetone	8.40		"	10.0		84.0	14-150		7.89	30	
Acrolein	59.5		"	10.0		595	10-153	High Bias	2.66	30	
Acrylonitrile	10.1		"	10.0		101	51-150		3.23	30	
Benzene	10.1		"	10.0		101	85-126		2.45	30	
Bromochloromethane	9.90		"	10.0		99.0	77-128		0.403	30	
Bromodichloromethane	9.28		"	10.0		92.8	79-128		1.82	30	
Bromoform	9.75		"	10.0		97.5	78-133		1.32	30	
Bromomethane	13.2		"	10.0		132	43-168		2.00	30	
Carbon disulfide	10.6		"	10.0		106	68-146		2.79	30	
Carbon tetrachloride	9.51		"	10.0		95.1	77-141		4.12	30	
Chlorobenzene	9.82		"	10.0		98.2	88-120		1.82	30	
Chloroethane	10.8		"	10.0		108	65-136		4.27	30	
Chloroform	9.65		"	10.0		96.5	82-128		2.15	30	
Chloromethane	13.0		"	10.0		130	43-155		2.74	30	
cis-1,2-Dichloroethylene	9.30		"	10.0		93.0	83-129		3.07	30	
cis-1,3-Dichloropropylene	9.54		"	10.0		95.4	80-131		1.87	30	
Cyclohexane	10.4		"	10.0		104	63-149		3.58	30	
Dibromochloromethane	10.1		"	10.0		101	80-130		0.593	30	
Dibromomethane	9.59		"	10.0		95.9	72-134		1.55	30	
Dichlorodifluoromethane	14.0		"	10.0		140	44-144		3.50	30	
Ethyl Benzene	10.1		"	10.0		101	80-131		2.54	30	
Hexachlorobutadiene	9.96		"	10.0		99.6	67-146		3.26	30	
Isopropylbenzene	10.2		"	10.0		102	76-140		2.91	30	
Methyl acetate	9.58		"	10.0		95.8	51-139		1.04	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		0.00	30	
Methylcyclohexane	9.74		"	10.0		97.4	72-143		4.02	30	
Methylene chloride	8.60		"	10.0		86.0	55-137		2.41	30	
n-Butylbenzene	9.81		"	10.0		98.1	79-132		3.01	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81093 - EPA 5030B											
LCS Dup (BB81093-BSD1)									Prepared: 02/23/2018 Analyzed: 02/24/2018		
n-Propylbenzene	10.0		ug/L	10.0		100	78-133		2.76	30	
o-Xylene	10.2		"	10.0		102	78-130		2.24	30	
p- & m- Xylenes	20.6		"	20.0		103	77-133		2.64	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		3.05	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		2.81	30	
Styrene	9.73		"	10.0		97.3	67-132		2.34	30	
tert-Butyl alcohol (TBA)	8.02		"	50.0		16.0	25-162	Low Bias	19.8	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		3.03	30	
Tetrachloroethylene	8.78		"	10.0		87.8	82-131		4.35	30	
Toluene	9.94		"	10.0		99.4	80-127		2.09	30	
trans-1,2-Dichloroethylene	9.51		"	10.0		95.1	80-132		4.12	30	
trans-1,3-Dichloropropylene	9.16		"	10.0		91.6	78-131		0.870	30	
Trichloroethylene	9.80		"	10.0		98.0	82-128		3.71	30	
Trichlorofluoromethane	10.3		"	10.0		103	67-139		3.34	30	
Vinyl Chloride	12.1		"	10.0		121	58-145		2.85	30	
Surrogate: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81016 - EPA 3550C											
Blank (BB81016-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Prepared: 02/22/2018 Analyzed: 02/23/2018

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81016 - EPA 3550C											
Blank (BB81016-BLK1)											
Prepared: 02/22/2018 Analyzed: 02/23/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*1.81*		"	*2.58*		*70.1*	*20-108*				
Surrogate: Phenol-d5	*1.84*		"	*2.46*		*74.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.32*		"	*1.72*		*76.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.26*		"	*1.67*		*75.2*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.79*		"	*2.57*		*109*	*19-110*				
Surrogate: Terphenyl-d14	*1.08*		"	*1.70*		*63.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81016 - EPA 3550C											
LCS (BB81016-BS1)								Prepared: 02/22/2018 Analyzed: 02/23/2018			
1,1-Biphenyl	0.693	0.0417	mg/kg wet	0.833		83.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.713	0.0833	"	0.833		85.6	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.674	0.0417	"	0.833		80.9	17-137				
2,3,4,6-Tetrachlorophenol	1.41	0.0833	"	0.833		169	30-130	High Bias			
2,4,5-Trichlorophenol	0.726	0.0417	"	0.833		87.1	27-118				
2,4,6-Trichlorophenol	0.721	0.0417	"	0.833		86.5	31-120				
2,4-Dichlorophenol	0.756	0.0417	"	0.833		90.7	20-127				
2,4-Dimethylphenol	0.672	0.0417	"	0.833		80.7	14-132				
2,4-Dinitrophenol	0.667	0.0833	"	0.833		80.1	10-171				
2,4-Dinitrotoluene	0.686	0.0417	"	0.833		82.3	34-131				
2,6-Dinitrotoluene	0.697	0.0417	"	0.833		83.6	31-128				
2-Chloronaphthalene	0.673	0.0417	"	0.833		80.8	31-117				
2-Chlorophenol	0.640	0.0417	"	0.833		76.8	33-113				
2-Methylnaphthalene	0.738	0.0417	"	0.833		88.6	12-138				
2-Methylphenol	0.579	0.0417	"	0.833		69.5	10-136				
2-Nitroaniline	0.712	0.0833	"	0.833		85.4	27-132				
2-Nitrophenol	0.721	0.0417	"	0.833		86.6	17-129				
3- & 4-Methylphenols	0.576	0.0417	"	0.833		69.1	29-103				
3,3-Dichlorobenzidine	0.843	0.0417	"	0.833		101	22-149				
3-Nitroaniline	0.613	0.0833	"	0.833		73.6	20-133				
4,6-Dinitro-2-methylphenol	0.743	0.0833	"	0.833		89.2	10-143				
4-Bromophenyl phenyl ether	0.829	0.0417	"	0.833		99.5	29-120				
4-Chloro-3-methylphenol	0.678	0.0417	"	0.833		81.4	24-129				
4-Chloroaniline	0.438	0.0417	"	0.833		52.6	10-132				
4-Chlorophenyl phenyl ether	0.758	0.0417	"	0.833		91.0	27-124				
4-Nitroaniline	0.789	0.0833	"	0.833		94.7	16-128				
4-Nitrophenol	0.642	0.0833	"	0.833		77.0	10-141				
Acenaphthene	0.655	0.0417	"	0.833		78.6	30-121				
Acenaphthylene	0.633	0.0417	"	0.833		75.9	30-115				
Acetophenone	0.606	0.0417	"	0.833		72.7	20-112				
Aniline	0.558	0.167	"	0.833		66.9	10-119				
Anthracene	0.684	0.0417	"	0.833		82.0	34-118				
Atrazine	0.694	0.0417	"	0.833		83.3	26-112				
Benzaldehyde	0.628	0.0417	"	0.833		75.4	21-100				
Benzo(a)anthracene	0.705	0.0417	"	0.833		84.6	32-122				
Benzo(a)pyrene	0.775	0.0417	"	0.833		93.0	29-133				
Benzo(b)fluoranthene	0.751	0.0417	"	0.833		90.1	25-133				
Benzo(g,h,i)perylene	0.826	0.0417	"	0.833		99.1	10-143				
Benzo(k)fluoranthene	0.755	0.0417	"	0.833		90.6	25-128				
Benzoic acid	0.558	0.0417	"	0.967		57.8	10-140				
Benzyl alcohol	0.657	0.0417	"	0.833		78.9	30-115				
Benzyl butyl phthalate	0.603	0.0417	"	0.833		72.4	26-126				
Bis(2-chloroethoxy)methane	0.699	0.0417	"	0.833		83.8	19-132				
Bis(2-chloroethyl)ether	0.605	0.0417	"	0.833		72.6	19-125				
Bis(2-chloroisopropyl)ether	0.663	0.0417	"	0.833		79.6	20-135				
Bis(2-ethylhexyl)phthalate	0.617	0.0417	"	0.833		74.0	10-155				
Caprolactam	0.701	0.0833	"	0.833		84.2	10-127				
Carbazole	0.921	0.0417	"	0.833		111	35-123				
Chrysene	0.696	0.0417	"	0.833		83.5	32-123				
Dibenzo(a,h)anthracene	0.796	0.0417	"	0.833		95.5	10-136				
Dibenzofuran	0.688	0.0417	"	0.833		82.6	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81016 - EPA 3550C											
LCS (BB81016-BS1)									Prepared: 02/22/2018 Analyzed: 02/23/2018		
Diethyl phthalate	0.674	0.0417	mg/kg wet	0.833		80.8	34-116				
Dimethyl phthalate	0.691	0.0417	"	0.833		83.0	35-124				
Di-n-butyl phthalate	0.680	0.0417	"	0.833		81.6	31-116				
Di-n-octyl phthalate	0.643	0.0417	"	0.833		77.2	26-136				
Diphenylamine	0.847	0.0833	"	0.833		102	40-140				
Fluoranthene	0.740	0.0417	"	0.833		88.8	33-122				
Fluorene	0.709	0.0417	"	0.833		85.1	29-123				
Hexachlorobenzene	0.622	0.0417	"	0.833		74.7	21-124				
Hexachlorobutadiene	0.772	0.0417	"	0.833		92.7	10-149				
Hexachlorocyclopentadiene	0.553	0.0417	"	0.833		66.3	10-129				
Hexachloroethane	0.607	0.0417	"	0.833		72.8	28-108				
Indeno(1,2,3-cd)pyrene	0.797	0.0417	"	0.833		95.6	10-135				
Isophorone	0.677	0.0417	"	0.833		81.2	20-132				
Naphthalene	0.691	0.0417	"	0.833		82.9	23-124				
Nitrobenzene	0.641	0.0417	"	0.833		76.9	13-132				
N-Nitrosodimethylamine	0.698	0.0417	"	0.833		83.8	11-129				
N-nitroso-di-n-propylamine	0.651	0.0417	"	0.833		78.1	24-119				
N-Nitrosodiphenylamine	0.840	0.0417	"	0.833		101	22-152				
Pentachlorophenol	0.585	0.0417	"	0.833		70.2	10-139				
Phenanthrene	0.701	0.0417	"	0.833		84.1	33-123				
Phenol	0.614	0.0417	"	0.833		73.6	23-115				
Pyrene	0.629	0.0417	"	0.833		75.5	32-130				
Pyridine	0.558	0.167	"	0.833		67.0	10-91				
Surrogate: 2-Fluorophenol	*1.85*		"	*2.58*		*71.8*	*20-108*				
Surrogate: Phenol-d5	*1.89*		"	*2.46*		*76.8*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.34*		"	*1.72*		*77.7*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.32*		"	*1.67*		*79.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.81*		"	*2.57*		*109*	*19-110*				
Surrogate: Terphenyl-d14	*1.09*		"	*1.70*		*63.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81016 - EPA 3550C											
Blank (BB81016-BLK1)											Prepared: 02/22/2018 Analyzed: 02/23/2018
unknown bis(dimethylethyl) phenol isomer	367		ug/kg wet								
unknown ethylpropyl benzene isomer	300		"								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80977 - EPA 3550C											
Blank (BB80977-BLK1)										Prepared & Analyzed: 02/22/2018	
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0554*		"	*0.0697*		*79.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0542*		"	*0.0673*		*80.5*	*30-150*				
LCS (BB80977-BS1)										Prepared & Analyzed: 02/22/2018	
4,4'-DDD	0.0284	0.000330	mg/kg wet	0.0333		85.3	40-140				
4,4'-DDE	0.0268	0.000330	"	0.0333		80.4	40-140				
4,4'-DDT	0.0258	0.000330	"	0.0333		77.3	40-140				
Aldrin	0.0293	0.000330	"	0.0333		87.8	40-140				
alpha-BHC	0.0310	0.000330	"	0.0333		93.1	40-140				
alpha-Chlordane	0.0273	0.000330	"	0.0333		82.0	40-140				
beta-BHC	0.0306	0.000330	"	0.0333		91.7	40-140				
delta-BHC	0.0322	0.000330	"	0.0333		96.7	40-140				
Dieldrin	0.0289	0.000330	"	0.0333		86.7	40-140				
Endosulfan I	0.0311	0.000330	"	0.0333		93.2	40-140				
Endosulfan II	0.0285	0.000330	"	0.0333		85.5	40-140				
Endosulfan sulfate	0.0291	0.000330	"	0.0333		87.4	40-140				
Endrin	0.0271	0.000330	"	0.0333		81.3	40-140				
Endrin aldehyde	0.0270	0.000330	"	0.0333		80.9	40-140				
Endrin ketone	0.0285	0.000330	"	0.0333		85.5	40-140				
gamma-BHC (Lindane)	0.0297	0.000330	"	0.0333		89.2	40-140				
gamma-Chlordane	0.0278	0.000330	"	0.0333		83.4	40-140				
Heptachlor	0.0250	0.000330	"	0.0333		74.9	40-140				
Heptachlor epoxide	0.0272	0.000330	"	0.0333		81.5	40-140				
Methoxychlor	0.0240	0.00165	"	0.0333		71.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0507*		"	*0.0697*		*72.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0537*		"	*0.0673*		*79.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8B2303 - BB80761											
Performance Mix (Y8B2303-PEM1)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.484		"	0.00			0-200				
4,4'-DDT	145		"	200		72.6	0-200				
Endrin	107		"	100		107	0-200				
Endrin aldehyde	0.400		"	0.00			0-200				
Endrin ketone	4.26		"	0.00			0-200				
Performance Mix (Y8B2303-PEM2)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.526		"	0.00			0-200				
4,4'-DDT	184		"	200		92.1	0-200				
Endrin	130		"	100		130	0-200				
Endrin aldehyde	0.770		"	0.00			0-200				
Endrin ketone	5.53		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80977 - EPA 3550C											
Blank (BB80977-BLK2)											Prepared & Analyzed: 02/22/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0513*		*"*	*0.0673*		*76.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0497*		*"*	*0.0697*		*71.3*	*30-140*				
LCS (BB80977-BS2)											Prepared & Analyzed: 02/22/2018
Aroclor 1016	0.322	0.0167	mg/kg wet	0.333		96.6	40-130				
Aroclor 1260	0.326	0.0167	"	0.333		97.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0517*		*"*	*0.0673*		*76.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0697*		*72.7*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80975 - EPA 3550B/8151A											
Blank (BB80975-BLK1)								Prepared & Analyzed: 02/22/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.716*		*"*	*0.500*		*143*	*30-150*				
LCS (BB80975-BS1)								Prepared & Analyzed: 02/22/2018			
2,4,5-T	0.178	0.0200	mg/kg wet	0.160		111	40-140				
2,4,5-TP (Silvex)	0.180	0.0200	"	0.160		112	40-140				
2,4-D	0.194	0.0200	"	0.160		121	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.576*		*"*	*0.500*		*115*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80991 - EPA 3050B											
Blank (BB80991-BLK1)											Prepared: 02/22/2018 Analyzed: 02/26/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	2.00	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BB80991-SRM1)											Prepared: 02/22/2018 Analyzed: 02/26/2018
Aluminum	6950	5.00	mg/kg wet	8040		86.4	39.4-160.5				
Antimony	92.0	0.500	"	91.4		101	25.1-275.7				
Arsenic	145	1.00	"	146		99.5	69.9-132.9				
Barium	98.7	1.00	"	102		96.7	71.5-136.3				
Beryllium	135	0.100	"	134		101	75.4-138.1				
Cadmium	61.4	0.300	"	63.2		97.1	73.3-141.5				
Calcium	5500	5.00	"	5930		92.8	73.7-136.1				
Chromium	83.1	0.500	"	89.3		93.0	69.1-143.3				
Cobalt	121	0.500	"	119		101	74.6-142				
Copper	62.8	2.00	"	60.8		103	72.7-141.6				
Iron	12800	2.00	"	14400		89.0	35.6-163.9				
Lead	99.4	0.500	"	98.5		101	70.8-137.1				
Magnesium	2370	5.00	"	2580		91.9	63.6-136.1				
Manganese	378	0.500	"	370		102	75.7-134.3				
Nickel	70.7	0.500	"	66.6		106	70.7-146.3				
Potassium	1770	5.00	"	2340		75.5	59.8-140.2				
Selenium	126	1.00	"	136		92.7	67.1-136.8				
Silver	44.4	0.500	"	48.9		90.9	66.5-139.5				
Sodium	292	10.0	"	318		91.9	40.6-159.8				
Thallium	134	1.00	"	138		97.1	68-136.2				
Vanadium	65.0	1.00	"	69.7		93.3	58.9-141.8				
Zinc	173	1.50	"	177		97.9	69.5-131.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80932 - EPA 7473 soil											
Blank (BB80932-BLK1)									Prepared & Analyzed: 02/21/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BB80932-SRM1)									Prepared & Analyzed: 02/21/2018		
Mercury	12.347		mg/kg	13.8		89.5	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81004 - Analysis Preparation Soil											
Blank (BB81004-BLK1)									Prepared & Analyzed: 02/22/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BB81004-SRM1)									Prepared & Analyzed: 02/22/2018		
Cyanide, total	52.9		ug/mL	62.8		84.2	6.37-86				
Batch BB81052 - EPA SW846-3060											
Blank (BB81052-BLK1)									Prepared & Analyzed: 02/23/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BB81052-SRM1)									Prepared & Analyzed: 02/23/2018		
Chromium, Hexavalent	106		mg/L	207		51.4	40.5-101.9				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0747-01	SB111_36-38	40mL 01_Clear Vial Cool to 4° C
18B0747-02	ETB06_021818	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B0747

YOUR Information	**Report To:**	**Invoice To:**
Company: LANGAN, DPC	Company: STATE	Company: STATE
Address:	Address:	Address:
Phone No.	Phone No.	Phone No.
Contact Person: KIM DeCOR	Attention:	Attention:
E-Mail Address: KDECOR@LANGAN.COM	E-Mail Address: SKOOB@LANGAN.COM	E-Mail Address:

YOUR Project ID: 170584501

Purchase Order No.

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package X
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std) X
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other

York Regulatory Comparison

Excel Spreadsheet

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB111_36-38	2/18/18 815	SOIL	RL+30 VOCs+SVOCs, PCBs, PEST, HERB, TAL METALS, Cr^{+6}, Cr^{+3}	4x4OML, 1x8oz.
FIELDBLD-021818	↓	↓	TCL + 30 VOCs	

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Comments

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	2/20/18 1230		2/20/18 1225
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Miller	2/20/18 1918

Temperature on Receipt 0.8 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/27/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0765

Report Date: 02/27/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0765

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 20, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0765-01	MW110_022018	Water	02/20/2018	02/20/2018

General Notes for York Project (SDG) No.: 18B0765

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/27/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.350**	CCV-E	ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.07**	CCV-E, ICV-E, SCAL-E	ug/L	1.00	2.00	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**6.89**		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**2.17**		ug/L	0.500	2.00	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.240**		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**1.35**		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.9 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
040732-71-6	**propanol isomer**	**1.2**	N	ug/L		1	EPA 8260C	02/26/2018 07:30	02/26/2018 17:13	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	02/23/2018 08:26	02/24/2018 02:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*19.0 %*	S-08	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*13.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*57.6 %*		*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.2 %*		*39.9-105*

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*92.5 %*			*39.3-151*						
1718-51-0	*Surrogate: Terphenyl-d14*	*44.3 %*			*30.7-106*						

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	02/23/2018 08:19	02/25/2018 15:14	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
629-94-7	**hentriacontane isomer**	**12.3**	N	ug/L			1	EPA 8270D	02/23/2018 08:19	02/24/2018 02:57	SR
								Certifications:			
NA	**Heptadecane isomer**	**8.46**	N	ug/L			1	EPA 8270D	02/23/2018 08:19	02/24/2018 02:57	SR
								Certifications:			
NA	**Hexadecanoic acid**	**7.69**	N	ug/L			1	EPA 8270D	02/23/2018 08:19	02/24/2018 02:57	SR
								Certifications:			
NA	**nonacosane isomer**	**10.0**	N	ug/L			1	EPA 8270D	02/23/2018 08:19	02/24/2018 02:57	SR
								Certifications:			
NA	**octacosane isomer**	**13.8**	N	ug/L			1	EPA 8270D	02/23/2018 08:19	02/24/2018 02:57	SR
								Certifications:			
NA	**Octadcanamide isomer**	**27.7**	N	ug/L			1	EPA 8270D	02/23/2018 08:19	02/24/2018 02:57	SR
								Certifications:			
NA	**pentmethyl Cyclopentane isomer**	**9.23**	N	ug/L			1	EPA 8270D	02/23/2018 08:19	02/24/2018 02:57	SR
								Certifications:			
NA	**Tetracosane isomer**	**20.0**	N	ug/L			1	EPA 8270D	02/23/2018 08:19	02/24/2018 02:57	SR
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0258	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00258	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0129	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0129	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0129	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00516	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.129	1	EPA 8081B	02/22/2018 08:29	02/22/2018 16:24	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.2 %*	*30-150*

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*0.289 %*	GC-SCu		*30-150*					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0645	1	EPA 8082A	02/22/2018 08:29	02/27/2018 13:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0645	1	EPA 8082A	02/22/2018 08:29	02/27/2018 13:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0645	1	EPA 8082A	02/22/2018 08:29	02/27/2018 13:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0645	1	EPA 8082A	02/22/2018 08:29	02/27/2018 13:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0645	1	EPA 8082A	02/22/2018 08:29	02/27/2018 13:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0645	1	EPA 8082A	02/22/2018 08:29	02/27/2018 13:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0645	1	EPA 8082A	02/22/2018 08:29	02/27/2018 13:40	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0645	1	EPA 8082A	02/22/2018 08:29	02/27/2018 13:40	LAB
							Certifications:			

Surrogate Recoveries		Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*%*	S-GC	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*		*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/23/2018 04:28	02/23/2018 11:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/23/2018 04:28	02/23/2018 11:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/23/2018 04:28	02/23/2018 11:51	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries		Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*134 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.861**		mg/L	0.0556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.159**		mg/L	0.0111	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**62.4**		mg/L	0.0556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.00870**		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0207**		mg/L	0.0100	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**1.71**		mg/L	0.0444	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0119**		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**21.4**		mg/L	0.0556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.526**		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**0.0128**		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3.56**		mg/L	0.0556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**111**	B	mg/L	0.111	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**0.0282**		mg/L	0.0167	1	EPA 6010C	02/23/2018 09:47	02/25/2018 03:09	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0907**		mg/L	0.0111	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**38.0**		mg/L	0.0556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0104**		mg/L	0.00556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0231**		mg/L	0.0222	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**16.6**		mg/L	0.0556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0272**		mg/L	0.00556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2.97**		mg/L	0.0556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**109**		mg/L	0.111	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	02/23/2018 13:40	02/25/2018 14:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00226**		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 09:49	02/26/2018 15:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 13:41	02/26/2018 14:39	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00138**		mg/L	0.00111	1	EPA 6020A	02/23/2018 13:41	02/26/2018 14:39	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 13:41	02/26/2018 14:39	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 13:41	02/26/2018 14:39	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 13:41	02/26/2018 14:39	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	02/23/2018 13:41	02/26/2018 14:39	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	02/22/2018 09:51	02/22/2018 15:50	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	02/23/2018 09:39	02/23/2018 14:47	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.0430**		mg/L	0.0100	1	EPA 7196A	02/21/2018 11:51	02/21/2018 13:03	TAJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/26/2018 12:46	02/26/2018 17:06	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW110_022018 **York Sample ID:** 18B0765-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0765	170384501	Water	February 20, 2018 2:30 pm	02/20/2018

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/22/2018 14:06	02/22/2018 17:40	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BB80937 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/21/18
BB80937-BLK1	Blank	02/21/18
BB80937-BS1	LCS	02/21/18

Batch ID: BB80979 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KNK

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/22/18
18B0765-01	MW110_022018	02/22/18
BB80979-BLK1	Blank	02/22/18
BB80979-BLK2	Blank	02/22/18
BB80979-BS1	LCS	02/22/18
BB80979-BS2	LCS	02/22/18
BB80979-BSD1	LCS Dup	02/22/18

Batch ID: BB80994 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/22/18
BB80994-BLK1	Blank	02/22/18
BB80994-SRM1	Reference	02/22/18

Batch ID: BB81022 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/22/18
BB81022-BLK1	Blank	02/22/18
BB81022-BS1	LCS	02/22/18

Batch ID: BB81042 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/23/18
BB81042-BLK1	Blank	02/23/18
BB81042-BS1	LCS	02/23/18
BB81042-BSD1	LCS Dup	02/23/18

Batch ID: BB81053 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/23/18
18B0765-01	MW110_022018	02/23/18

18B0765-01	MW110_022018	02/23/18
BB81053-BLK1	Blank	02/23/18
BB81053-BLK1	Blank	02/23/18
BB81053-BLK2	Blank	02/23/18
BB81053-BS1	LCS	02/23/18
BB81053-BS2	LCS	02/23/18

Batch ID: BB81058 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/23/18
BB81058-BLK1	Blank	02/23/18
BB81058-SRM1	Reference	02/23/18

Batch ID: BB81061 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/23/18
BB81061-BLK1	Blank	02/23/18
BB81061-SRM1	Reference	02/23/18

Batch ID: BB81062 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/23/18
BB81062-BLK1	Blank	02/23/18
BB81062-BS1	LCS	02/23/18

Batch ID: BB81079 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/23/18
BB81079-BLK1	Blank	02/23/18
BB81079-DUP1	Duplicate	02/23/18
BB81079-MS1	Matrix Spike	02/23/18
BB81079-SRM1	Reference	02/23/18

Batch ID: BB81080 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/23/18
BB81080-BLK1	Blank	02/23/18
BB81080-BS1	LCS	02/23/18
BB81080-DUP1	Duplicate	02/23/18
BB81080-MS1	Matrix Spike	02/23/18

Batch ID: BB81119 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/26/18
BB81119-BLK1	Blank	02/26/18
BB81119-BS1	LCS	02/26/18
BB81119-BSD1	LCS Dup	02/26/18

Batch ID: BB81143 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18B0765-01	MW110_022018	02/26/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81119 - EPA 5030B											
Blank (BB81119-BLK1)											Prepared & Analyzed: 02/26/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

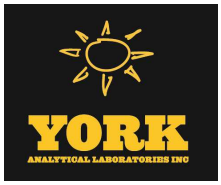
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81119 - EPA 5030B											
Blank (BB81119-BLK1)								Prepared & Analyzed: 02/26/2018			
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*69-130*				
Surrogate: Toluene-d8	*9.56*		*"*	*10.0*		*95.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BB81119-BS1)								Prepared & Analyzed: 02/26/2018			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123				
1,1-Dichloroethane	10.9		"	10.0		109	82-129				
1,1-Dichloroethylene	10.8		"	10.0		108	68-138				
1,2,3-Trichlorobenzene	16.8		"	10.0		168	76-136	High Bias			
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	12.7		"	10.0		127	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	9.82		"	10.0		98.2	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	11.2		"	10.0		112	73-132				
1,2-Dichloropropane	10.0		"	10.0		100	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
1,4-Dioxane	287		"	210		137	10-349				
2-Butanone	12.1		"	10.0		121	49-152				
2-Hexanone	11.1		"	10.0		111	51-146				
4-Methyl-2-pentanone	10.6		"	10.0		106	57-145				
Acetone	14.0		"	10.0		140	14-150				
Acrolein	8.94		"	10.0		89.4	10-153				
Acrylonitrile	9.63		"	10.0		96.3	51-150				
Benzene	11.1		"	10.0		111	85-126				
Bromochloromethane	10.8		"	10.0		108	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81119 - EPA 5030B											
LCS (BB81119-BS1)								Prepared & Analyzed: 02/26/2018			
Bromodichloromethane	10.0		ug/L	10.0		100	79-128				
Bromoform	10.7		"	10.0		107	78-133				
Bromomethane	5.88		"	10.0		58.8	43-168				
Carbon disulfide	12.1		"	10.0		121	68-146				
Carbon tetrachloride	11.5		"	10.0		115	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	11.3		"	10.0		113	65-136				
Chloroform	10.8		"	10.0		108	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Cyclohexane	10.4		"	10.0		104	63-149				
Dibromochloromethane	10.4		"	10.0		104	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	13.2		"	10.0		132	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	12.4		"	10.0		124	67-146				
Isopropylbenzene	10.6		"	10.0		106	76-140				
Methyl acetate	11.2		"	10.0		112	51-139				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	76-135				
Methylcyclohexane	9.34		"	10.0		93.4	72-143				
Methylene chloride	9.95		"	10.0		99.5	55-137				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.8		"	10.0		108	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butyl alcohol (TBA)	59.9		"	50.0		120	25-162				
tert-Butylbenzene	10.3		"	10.0		103	77-138				
Tetrachloroethylene	9.18		"	10.0		91.8	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	12.0		"	10.0		120	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*69-130*				
Surrogate: Toluene-d8	*9.53*		*"*	*10.0*		*95.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

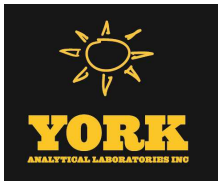
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81119 - EPA 5030B											
LCS Dup (BB81119-BSD1)								Prepared & Analyzed: 02/26/2018			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		0.477	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		2.38	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		3.08	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165		3.74	30	
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123		1.48	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		3.25	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		1.50	30	
1,2,3-Trichlorobenzene	17.5		"	10.0		175	76-136	High Bias	3.91	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		2.92	30	
1,2,4-Trichlorobenzene	12.9		"	10.0		129	76-137		1.72	30	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		1.45	30	
1,2-Dibromo-3-chloropropane	9.49		"	10.0		94.9	45-147		3.42	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		2.32	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		2.04	30	
1,2-Dichloroethane	10.9		"	10.0		109	73-132		2.90	30	
1,2-Dichloropropane	9.97		"	10.0		99.7	78-126		0.799	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		1.63	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122		2.24	30	
1,4-Dichlorobenzene	9.96		"	10.0		99.6	85-124		2.58	30	
1,4-Dioxane	189		"	210		89.8	10-349		41.5	30	Non-dir.
2-Butanone	12.4		"	10.0		124	49-152		2.93	30	
2-Hexanone	10.9		"	10.0		109	51-146		1.09	30	
4-Methyl-2-pentanone	10.3		"	10.0		103	57-145		3.06	30	
Acetone	13.6		"	10.0		136	14-150		2.68	30	
Acrolein	8.67		"	10.0		86.7	10-153		3.07	30	
Acrylonitrile	9.98		"	10.0		99.8	51-150		3.57	30	
Benzene	10.8		"	10.0		108	85-126		2.74	30	
Bromochloromethane	10.6		"	10.0		106	77-128		2.80	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		0.0996	30	
Bromoform	10.4		"	10.0		104	78-133		3.14	30	
Bromomethane	6.18		"	10.0		61.8	43-168		4.98	30	
Carbon disulfide	11.8		"	10.0		118	68-146		2.60	30	
Carbon tetrachloride	11.4		"	10.0		114	77-141		1.49	30	
Chlorobenzene	10.2		"	10.0		102	88-120		0.979	30	
Chloroethane	10.9		"	10.0		109	65-136		3.51	30	
Chloroform	10.6		"	10.0		106	82-128		2.43	30	
Chloromethane	9.79		"	10.0		97.9	43-155		4.30	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		2.79	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		1.49	30	
Cyclohexane	10.7		"	10.0		107	63-149		3.04	30	
Dibromochloromethane	10.2		"	10.0		102	80-130		2.24	30	
Dibromomethane	10.1		"	10.0		101	72-134		1.67	30	
Dichlorodifluoromethane	13.9		"	10.0		139	44-144		4.86	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		1.47	30	
Hexachlorobutadiene	12.3		"	10.0		123	67-146		0.485	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		1.62	30	
Methyl acetate	10.8		"	10.0		108	51-139		4.45	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		1.80	30	
Methylcyclohexane	9.97		"	10.0		99.7	72-143		6.53	30	
Methylene chloride	9.87		"	10.0		98.7	55-137		0.807	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		2.89	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81119 - EPA 5030B											
LCS Dup (BB81119-BSD1)								Prepared & Analyzed: 02/26/2018			
n-Propylbenzene	10.6		ug/L	10.0		106	78-133		2.60	30	
o-Xylene	10.7		"	10.0		107	78-130		0.934	30	
p- & m- Xylenes	21.7		"	20.0		108	77-133		0.781	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		1.34	30	
sec-Butylbenzene	10.7		"	10.0		107	79-137		2.41	30	
Styrene	10.1		"	10.0		101	67-132		0.983	30	
tert-Butyl alcohol (TBA)	50.8		"	50.0		102	25-162		16.4	30	
tert-Butylbenzene	10.2		"	10.0		102	77-138		1.66	30	
Tetrachloroethylene	9.10		"	10.0		91.0	82-131		0.875	30	
Toluene	10.4		"	10.0		104	80-127		1.43	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		2.09	30	
trans-1,3-Dichloropropylene	9.79		"	10.0		97.9	78-131		2.32	30	
Trichloroethylene	10.4		"	10.0		104	82-128		0.481	30	
Trichlorofluoromethane	11.5		"	10.0		115	67-139		1.40	30	
Vinyl Chloride	11.8		"	10.0		118	58-145		2.10	30	
Surrogate: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: Toluene-d8	*9.50*		*"*	*10.0*		*95.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BB81053 - EPA 3510C

Blank (BB81053-BLK1) Prepared & Analyzed: 02/23/2018

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	50.0	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Pyridine	ND	5.00	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81053 - EPA 3510C											
Blank (BB81053-BLK1)											Prepared & Analyzed: 02/23/2018
Surrogate: 2-Fluorophenol	*23.9*		*ug/L*	*77.4*		*30.9*	*19.7-63.1*				
Surrogate: Phenol-d5	*15.5*		*"*	*73.8*		*21.0*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*31.5*		*"*	*51.6*		*61.0*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*27.8*		*"*	*50.2*		*55.4*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*67.9*		*"*	*77.2*		*88.0*	*39.3-151*				
Surrogate: Terphenyl-d14	*23.1*		*"*	*51.0*		*45.3*	*30.7-106*				
Blank (BB81053-BLK2)											Prepared: 02/23/2018 Analyzed: 02/25/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81053 - EPA 3510C											
LCS (BB81053-BS1)								Prepared & Analyzed: 02/23/2018			
1,1-Biphenyl	18.0	5.00	ug/L	25.0		71.8	33-95				
1,2,4,5-Tetrachlorobenzene	21.1	5.00	"	25.0		84.3	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	15.4	5.00	"	25.0		61.4	16-141				
2,3,4,6-Tetrachlorophenol	30.9	5.00	"	25.0		124	30-130				
2,4,5-Trichlorophenol	22.7	5.00	"	25.0		90.8	32-114				
2,4,6-Trichlorophenol	21.3	5.00	"	25.0		85.2	35-118				
2,4-Dichlorophenol	21.2	5.00	"	25.0		84.7	25-116				
2,4-Dimethylphenol	20.1	5.00	"	25.0		80.4	15-116				
2,4-Dinitrophenol	24.8	5.00	"	25.0		99.0	10-170				
2,4-Dinitrotoluene	22.0	5.00	"	25.0		88.0	41-128				
2,6-Dinitrotoluene	19.6	5.00	"	25.0		78.4	45-116				
2-Chloronaphthalene	18.3	5.00	"	25.0		73.2	33-112				
2-Chlorophenol	16.2	5.00	"	25.0		64.7	15-120				
2-Methylnaphthalene	18.8	5.00	"	25.0		75.2	24-118				
2-Methylphenol	11.7	5.00	"	25.0		46.9	10-110				
2-Nitroaniline	20.3	5.00	"	25.0		81.4	34-129				
2-Nitrophenol	20.2	5.00	"	25.0		81.0	28-118				
3- & 4-Methylphenols	10.9	5.00	"	25.0		43.6	10-107				
3,3-Dichlorobenzidine	22.3	5.00	"	25.0		89.1	15-187				
3-Nitroaniline	15.3	5.00	"	25.0		61.0	24-134				
4,6-Dinitro-2-methylphenol	19.3	5.00	"	25.0		77.2	10-153				
4-Bromophenyl phenyl ether	22.2	5.00	"	25.0		89.0	34-120				
4-Chloro-3-methylphenol	18.9	5.00	"	25.0		75.8	20-120				
4-Chloroaniline	14.8	5.00	"	25.0		59.1	10-147				
4-Chlorophenyl phenyl ether	21.1	5.00	"	25.0		84.5	27-121				
4-Nitroaniline	32.0	5.00	"	25.0		128	13-134				
4-Nitrophenol	6.81	5.00	"	25.0		27.2	10-131				
Acetophenone	17.5	5.00	"	25.0		69.9	25-110				
Aniline	12.5	5.00	"	25.0		49.8	10-117				
Benzaldehyde	26.7	5.00	"	25.0		107	29-117				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	11.7	5.00	"	25.0		46.9	10-117				
Benzyl butyl phthalate	16.0	5.00	"	25.0		64.0	29-133				
Bis(2-chloroethoxy)methane	21.4	5.00	"	25.0		85.7	10-154				
Bis(2-chloroethyl)ether	15.6	5.00	"	25.0		62.3	17-125				
Bis(2-chloroisopropyl)ether	19.0	5.00	"	25.0		76.0	10-139				
Caprolactam	3.51	5.00	"	25.0		14.0	10-137				
Carbazole	28.2	5.00	"	25.0		113	42-126				
Dibenzofuran	20.5	5.00	"	25.0		82.0	36-113				
Diethyl phthalate	20.2	5.00	"	25.0		81.0	38-115				
Dimethyl phthalate	21.2	5.00	"	25.0		84.6	38-129				
Di-n-butyl phthalate	17.8	5.00	"	25.0		71.4	31-120				
Di-n-octyl phthalate	17.4	5.00	"	25.0		69.5	21-149				
Diphenylamine	21.0	5.00	"	25.0		84.2	40-140				
Hexachlorocyclopentadiene	24.6	10.0	"	25.0		98.3	10-130				
Isophorone	19.6	5.00	"	25.0		78.3	25-127				
N-nitroso-di-n-propylamine	16.0	5.00	"	25.0		64.0	26-122				
N-Nitrosodiphenylamine	20.3	5.00	"	25.0		81.2	23-149				
Phenol	5.95	5.00	"	25.0		23.8	10-110				
Pyridine	5.36	5.00	"	25.0		21.4	10-90				
Surrogate: 2-Fluorophenol	*25.6*		*"*	*77.4*		*33.1*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81053 - EPA 3510C											
LCS (BB81053-BS1)								Prepared & Analyzed: 02/23/2018			
Surrogate: Phenol-d5	*16.2*		*ug/L*	*73.8*		*21.9*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*33.0*		*"*	*51.6*		*64.0*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*27.2*		*"*	*50.2*		*54.1*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*70.1*		*"*	*77.2*		*90.8*	*39.3-151*				
Surrogate: Terphenyl-d14	*25.2*		*"*	*51.0*		*49.5*	*30.7-106*				
LCS (BB81053-BS2)								Prepared: 02/23/2018 Analyzed: 02/25/2018			
Acenaphthene	0.630	0.0500	ug/L	1.00		63.0	25-116				
Acenaphthylene	0.650	0.0500	"	1.00		65.0	26-116				
Anthracene	0.700	0.0500	"	1.00		70.0	25-123				
Benzo(a)anthracene	0.730	0.0500	"	1.00		73.0	33-125				
Benzo(a)pyrene	0.740	0.0500	"	1.00		74.0	32-132				
Benzo(b)fluoranthene	0.700	0.0500	"	1.00		70.0	22-137				
Benzo(g,h,i)perylene	0.860	0.0500	"	1.00		86.0	10-138				
Benzo(k)fluoranthene	0.740	0.0500	"	1.00		74.0	20-137				
Bis(2-ethylhexyl)phthalate	0.820	0.500	"	1.00		82.0	10-189				
Chrysene	0.690	0.0500	"	1.00		69.0	32-124				
Dibenzo(a,h)anthracene	0.860	0.0500	"	1.00		86.0	16-133				
Fluoranthene	0.750	0.0500	"	1.00		75.0	32-121				
Fluorene	0.700	0.0500	"	1.00		70.0	28-118				
Hexachlorobenzene	0.950	0.0200	"	1.00		95.0	23-124				
Hexachlorobutadiene	0.500	0.500	"	1.00		50.0	15-123				
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.840	0.0500	"	1.00		84.0	15-135				
Naphthalene	0.710	0.0500	"	1.00		71.0	18-120				
Nitrobenzene	0.870	0.250	"	1.00		87.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.380	0.250	"	1.00		38.0	10-156				
Phenanthrene	0.660	0.0500	"	1.00		66.0	24-127				
Pyrene	0.660	0.0500	"	1.00		66.0	31-132				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81053 - EPA 3510C											
Blank (BB81053-BLK1)											Prepared & Analyzed: 02/23/2018
Tentatively Identified Compounds	0.00		ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80979 - EPA SW846-3510C Low Level											
Blank (BB80979-BLK1)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.144*		*"*	*0.209*		*68.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.147*		*"*	*0.202*		*72.8*	*30-150*				
LCS (BB80979-BS1)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.105	0.00400	ug/L	0.100		105	40-140				
4,4'-DDE	0.0958	0.00400	"	0.100		95.8	40-140				
4,4'-DDT	0.0989	0.00400	"	0.100		98.9	40-140				
Aldrin	0.0826	0.00400	"	0.100		82.6	40-140				
alpha-BHC	0.0863	0.00400	"	0.100		86.3	40-140				
alpha-Chlordane	0.0820	0.00400	"	0.100		82.0	40-140				
beta-BHC	0.0970	0.00400	"	0.100		97.0	40-140				
delta-BHC	0.0710	0.00400	"	0.100		71.0	40-140				
Dieldrin	0.0915	0.00200	"	0.100		91.5	40-140				
Endosulfan I	0.0914	0.00400	"	0.100		91.4	40-140				
Endosulfan II	0.0947	0.00400	"	0.100		94.7	40-140				
Endosulfan sulfate	0.0951	0.00400	"	0.100		95.1	40-140				
Endrin	0.0945	0.00400	"	0.100		94.5	40-140				
Endrin aldehyde	0.103	0.0100	"	0.100		103	40-140				
Endrin ketone	0.103	0.0100	"	0.100		103	40-140				
gamma-BHC (Lindane)	0.0872	0.00400	"	0.100		87.2	40-140				
gamma-Chlordane	0.0802	0.0100	"	0.100		80.2	40-140				
Heptachlor	0.0787	0.00400	"	0.100		78.7	40-140				
Heptachlor epoxide	0.0865	0.00400	"	0.100		86.5	40-140				
Methoxychlor	0.100	0.00400	"	0.100		100	40-140				
Surrogate: Decachlorobiphenyl	*0.158*		*"*	*0.209*		*75.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.147*		*"*	*0.202*		*72.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80979 - EPA SW846-3510C Low Level											
LCS Dup (BB80979-BSD1)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.107	0.00400	ug/L	0.100		107	40-140		1.98	20	
4,4'-DDE	0.0954	0.00400	"	0.100		95.4	40-140		0.460	20	
4,4'-DDT	0.101	0.00400	"	0.100		101	40-140		2.59	20	
Aldrin	0.0811	0.00400	"	0.100		81.1	40-140		1.76	20	
alpha-BHC	0.0860	0.00400	"	0.100		86.0	40-140		0.405	20	
alpha-Chlordane	0.0811	0.00400	"	0.100		81.1	40-140		1.11	20	
beta-BHC	0.0949	0.00400	"	0.100		94.9	40-140		2.21	20	
delta-BHC	0.0704	0.00400	"	0.100		70.4	40-140		0.846	20	
Dieldrin	0.0905	0.00200	"	0.100		90.5	40-140		1.09	20	
Endosulfan I	0.0905	0.00400	"	0.100		90.5	40-140		0.925	20	
Endosulfan II	0.0961	0.00400	"	0.100		96.1	40-140		1.50	20	
Endosulfan sulfate	0.0985	0.00400	"	0.100		98.5	40-140		3.43	20	
Endrin	0.0939	0.00400	"	0.100		93.9	40-140		0.552	20	
Endrin aldehyde	0.106	0.0100	"	0.100		106	40-140		3.11	20	
Endrin ketone	0.105	0.0100	"	0.100		105	40-140		2.43	20	
gamma-BHC (Lindane)	0.0861	0.00400	"	0.100		86.1	40-140		1.36	20	
gamma-Chlordane	0.0811	0.0100	"	0.100		81.1	40-140		1.11	20	
Heptachlor	0.0772	0.00400	"	0.100		77.2	40-140		1.90	20	
Heptachlor epoxide	0.0839	0.00400	"	0.100		83.9	40-140		2.98	20	
Methoxychlor	0.105	0.00400	"	0.100		105	40-140		4.38	20	
Surrogate: Decachlorobiphenyl	*0.158*		*"*	*0.209*		*75.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.202*		*75.0*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)								Prepared & Analyzed: 11/27/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B2303 - BB80761											
Performance Mix (Y8B2303-PEM1)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.484		"	0.00			0-200				
4,4'-DDT	145		"	200		72.6	0-200				
Endrin	107		"	100		107	0-200				
Endrin aldehyde	0.400		"	0.00			0-200				
Endrin ketone	4.26		"	0.00			0-200				
Performance Mix (Y8B2303-PEM2)								Prepared & Analyzed: 02/22/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.526		"	0.00			0-200				
4,4'-DDT	184		"	200		92.1	0-200				
Endrin	130		"	100		130	0-200				
Endrin aldehyde	0.770		"	0.00			0-200				
Endrin ketone	5.53		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80979 - EPA SW846-3510C Low Level											
Blank (BB80979-BLK2)								Prepared & Analyzed: 02/22/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.130*		*"*	*0.202*		*64.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.183*		*"*	*0.209*		*87.6*	*30-120*				
LCS (BB80979-BS2)								Prepared & Analyzed: 02/22/2018			
Aroclor 1016	0.913	0.0500	ug/L	1.00		91.3	40-120				
Aroclor 1260	1.10	0.0500	"	1.00		110	40-120				
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.202*		*74.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.196*		*"*	*0.209*		*93.8*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81042 - EPA 3535A											
Blank (BB81042-BLK1)								Prepared & Analyzed: 02/23/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*184*		*"*	*125*		*147*	*30-150*				
LCS (BB81042-BS1)								Prepared & Analyzed: 02/23/2018			
2,4,5-T	51.0	5.00	ug/L	40.0		128	40-140				
2,4,5-TP (Silvex)	51.8	5.00	"	40.0		129	40-140				
2,4-D	60.0	5.00	"	40.0		150	40-140	High Bias			
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*167*		*"*	*125*		*134*	*30-150*				
LCS Dup (BB81042-BSD1)								Prepared & Analyzed: 02/23/2018			
2,4,5-T	48.2	5.00	ug/L	40.0		121	40-140		5.54	30	
2,4,5-TP (Silvex)	49.0	5.00	"	40.0		122	40-140		5.46	30	
2,4-D	58.0	5.00	"	40.0		145	40-140	High Bias	3.39	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*160*		*"*	*125*		*128*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81061 - EPA 3015A											
Blank (BB81061-BLK1)											Prepared: 02/23/2018 Analyzed: 02/25/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.0100	"								
Iron	ND	0.0444	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	0.491	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
Reference (BB81061-SRM1)											Prepared: 02/23/2018 Analyzed: 02/25/2018
Aluminum	0.929		ug/mL	0.720		129	81.4-117.2	High Bias			
Barium	0.519		"	0.500		104	85-115				
Calcium	32.7		"	33.0		99.0	86.5-114.3				
Chromium	0.895		"	0.860		104	85-115				
Copper	0.352		"	0.320		110	85-115				
Iron	1.43		"	1.40		102	84.9-115				
Lead	0.649		"	0.640		101	85-115				
Magnesium	82.3		"	80.1		103	86.3-114.8				
Manganese	1.10		"	1.02		108	84.9-115				
Nickel	1.80		"	1.78		101	87-113.7				
Potassium	9.65		"	10.3		93.7	84.9-115				
Silver	0.626		"	0.600		104	85-115				
Sodium	23.8		"	22.7		105	85-115				
Vanadium	1.69		"	1.66		102	85-114.9				
Zinc	1.49		"	1.62		91.8	84.9-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81079 - EPA 3015A											
Blank (BB81079-BLK1)											Prepared: 02/23/2018 Analyzed: 02/25/2018
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	ND	0.0444	"								
Iron - Dissolved	ND	0.0444	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.167	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0167	"								
Duplicate (BB81079-DUP1)	*Source sample: 18B0765-01 (MW110_022018)										Prepared: 02/23/2018 Analyzed: 02/25/2018
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.0882	0.0111	"		0.0907				2.85	20	
Calcium - Dissolved	37.5	0.0556	"		38.0				1.30	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Copper - Dissolved	0.00946	0.00556	"		0.0104				9.44	20	
Iron - Dissolved	0.0242	0.0222	"		0.0231				4.75	20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	16.4	0.0556	"		16.6				1.39	20	
Manganese - Dissolved	0.0265	0.00556	"		0.0272				2.69	20	
Nickel - Dissolved	ND	0.00556	"		ND					20	
Potassium - Dissolved	2.87	0.0556	"		2.97				3.26	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	105	0.111	"		109				3.37	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0167	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81079 - EPA 3015A											
Matrix Spike (BB81079-MS1)	*Source sample: 18B0765-01 (MW110_022018)									Prepared: 02/23/2018 Analyzed: 02/25/2018	
Barium - Dissolved	2.28	0.0111	mg/L	2.22	0.0907	98.5	75-125				
Chromium - Dissolved	0.224	0.00556	"	0.222	ND	101	75-125				
Copper - Dissolved	0.296	0.00556	"	0.278	0.0104	103	75-125				
Iron - Dissolved	1.10	0.0222	"	1.11	0.0231	97.0	75-125				
Lead - Dissolved	0.507	0.00556	"	0.556	ND	91.3	75-125				
Manganese - Dissolved	0.569	0.00556	"	0.556	0.0272	97.6	75-125				
Nickel - Dissolved	0.542	0.00556	"	0.556	ND	97.6	75-125				
Silver - Dissolved	0.0510	0.00556	"	0.0556	ND	91.8	75-125				
Vanadium - Dissolved	0.538	0.0111	"	0.556	ND	96.8	75-125				
Zinc - Dissolved	0.539	0.0167	"	0.556	ND	96.9	75-125				
Reference (BB81079-SRM1)										Prepared: 02/23/2018 Analyzed: 02/25/2018	
Aluminum - Dissolved	0.839		ug/mL	0.720		117	81.4-117.2				
Barium - Dissolved	0.498		"	0.500		99.5	85-115				
Calcium - Dissolved	31.1		"	33.0		94.3	86.5-114.3				
Chromium - Dissolved	0.850		"	0.860		98.8	85-115				
Copper - Dissolved	0.340		"	0.320		106	85-115				
Iron - Dissolved	1.31		"	1.40		93.6	84.9-115				
Lead - Dissolved	0.612		"	0.640		95.7	85-115				
Magnesium - Dissolved	77.2		"	80.1		96.4	86.3-114.8				
Manganese - Dissolved	1.03		"	1.02		101	84.9-115				
Nickel - Dissolved	1.69		"	1.78		95.1	87-113.7				
Potassium - Dissolved	9.53		"	10.3		92.5	84.9-115				
Silver - Dissolved	0.590		"	0.600		98.3	85-115				
Sodium - Dissolved	22.0		"	22.7		96.9	85-115				
Vanadium - Dissolved	1.60		"	1.66		96.4	85-114.9				
Zinc - Dissolved	1.43		"	1.62		88.1	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81062 - EPA 3015A											
Blank (BB81062-BLK1)											Prepared: 02/23/2018 Analyzed: 02/26/2018
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB81062-BS1)											Prepared: 02/23/2018 Analyzed: 02/26/2018
Antimony	37.9		ug/L	50.0		75.7	80-120	Low Bias			
Arsenic	38.4		"	50.0		76.8	80-120	Low Bias			
Beryllium	52.6		"	50.0		105	80-120				
Cadmium	39.2		"	50.0		78.4	80-120	Low Bias			
Selenium	30.2		"	50.0		60.4	80-120	Low Bias			
Thallium	45.2		"	50.0		90.4	80-120				
Batch BB81080 - EPA 3015A											
Blank (BB81080-BLK1)											Prepared: 02/23/2018 Analyzed: 02/26/2018
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.00111	"								
Cadmium - Dissolved	ND	0.00111	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BB81080-BS1)											Prepared: 02/23/2018 Analyzed: 02/26/2018
Antimony - Dissolved	36.5		ug/L	50.0		73.1	80-120	Low Bias			
Arsenic - Dissolved	36.4		"	50.0		72.7	80-120	Low Bias			
Beryllium - Dissolved	54.3		"	50.0		109	80-120				
Cadmium - Dissolved	38.7		"	50.0		77.5	80-120	Low Bias			
Selenium - Dissolved	29.8		"	50.0		59.7	80-120	Low Bias			
Thallium - Dissolved	43.6		"	50.0		87.1	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81080 - EPA 3015A											
Duplicate (BB81080-DUP1)	*Source sample: 18B0765-01 (MW110_022018)								Prepared: 02/23/2018 Analyzed: 02/26/2018		
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	0.00130	0.00111	"		0.00138				6.65	20	
Beryllium - Dissolved	ND	0.00111	"		ND					20	
Cadmium - Dissolved	ND	0.00111	"		ND					20	
Selenium - Dissolved	ND	0.00111	"		ND					20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BB81080-MS1)	*Source sample: 18B0765-01 (MW110_022018)								Prepared: 02/23/2018 Analyzed: 02/26/2018		
Antimony - Dissolved	38.3		ug/L	50.0	0.040	76.6	75-125				
Arsenic - Dissolved	37.2		"	50.0	1.25	71.8	75-125	Low Bias			
Beryllium - Dissolved	39.6		"	50.0	-0.003	79.2	75-125				
Cadmium - Dissolved	39.3		"	50.0	-0.002	78.5	75-125				
Selenium - Dissolved	33.1		"	50.0	0.073	66.0	75-125	Low Bias			
Thallium - Dissolved	42.8		"	50.0	0.096	85.5	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80994 - EPA 7473 water											
Blank (BB80994-BLK1)								Prepared & Analyzed: 02/22/2018			
Mercury	ND	0.00020	mg/L								
Reference (BB80994-SRM1)								Prepared & Analyzed: 02/22/2018			
Mercury	0.00534		mg/L	0.00740		72.2	70-130				
Batch BB81058 - EPA 7473 water											
Blank (BB81058-BLK1)								Prepared & Analyzed: 02/23/2018			
Mercury - Dissolved	ND	0.0002000	mg/L								
Reference (BB81058-SRM1)								Prepared & Analyzed: 02/23/2018			
Mercury - Dissolved	0.005909		mg/L	0.00740		79.8	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB80937 - Analysis Preparation											
Blank (BB80937-BLK1)								Prepared & Analyzed: 02/21/2018			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB80937-BS1)								Prepared & Analyzed: 02/21/2018			
Chromium, Hexavalent	0.468	0.0100	mg/L	0.500		93.6	80-120				
Batch BB81022 - Analysis Preparation											
Blank (BB81022-BLK1)								Prepared & Analyzed: 02/22/2018			
Cyanide, total	ND	0.0100	mg/L								
LCS (BB81022-BS1)								Prepared & Analyzed: 02/22/2018			
Cyanide, total	0.180	0.0100	mg/L	0.200		90.1	76.2-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0765-01	MW110_022018	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
M-BS	The recovery for this element in the batch blank spike recovered slightly below but > 60%
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B0765

YOUR Information

Company: LANGAN ENG
Address: 300 W 31ST STEET NY NY 1001
Phone No. (212) 479-5400
Contact Person: KIMDELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: 4
Address:
Phone No.
Attention:
E-Mail Address: SKANOOP@LANGAN.COM

Invoice To:

Company: 4
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170385501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
Taylor Morgan
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW110-022018	02/20/18 1430	GW	TCL+30 VOCs +5 VOCs, PCBs, pest, herb, TAL Metals (Cr^{6+}, Cr^{3+}, CN-	

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☒

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By — Date/Time 02/20/18 1455
Samples Relinquished By — Date/Time

Samples Received By — Date/Time 2/20/18 1455
Samples Received in LAB by — Date/Time 2/20/18 1915

Temperature on Receipt 3.5 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 02/27/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0832

Report Date: 02/27/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0832

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 20, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0832-01	SVP107_022018	Soil Vapor	02/20/2018	02/20/2018
18B0832-02	SVP110_022018	Soil Vapor	02/20/2018	02/20/2018
18B0832-03	AA003_022018	Outdoor Ambient Ai	02/20/2018	02/20/2018

General Notes for York Project (SDG) No.: 18B0832

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/27/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SVP107_022018 **York Sample ID:** 18B0832-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Soil Vapor	February 20, 2018 12:31 pm	02/20/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.517	EPA TO-15 Certifications:	02/22/2018 14:18	02/22/2018 14:18	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.83	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
79-34-5	**1,1,2,2-Tetrachloroethane**	**5.5**		ug/m³	1.0	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.83	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.61	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
120-82-1	**1,2,4-Trichlorobenzene**	**1.5**		ug/m³	1.1	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**40**		ug/m³	0.75	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.91	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.61	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.70	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**12**		ug/m³	0.75	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
106-99-0	**1,3-Butadiene**	**8.4**		ug/m³	1.0	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.91	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.70	1.517	EPA TO-15 Certifications:	02/22/2018 14:18	02/22/2018 14:18	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.91	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS
78-93-3	**2-Butanone**	**51**		ug/m³	0.45	1.517	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	02/22/2018 14:18	02/22/2018 14:18	LDS

Sample Information

Client Sample ID: SVP107_022018 **York Sample ID:** 18B0832-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Soil Vapor	February 20, 2018 12:31 pm	02/20/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**37**		ug/m³	1.2	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**9.5**		ug/m³	0.62	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**300**		ug/m³	7.2	15.17	EPA TO-15	02/23/2018 13:34	02/23/2018 13:34	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.33	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**10**		ug/m³	0.48	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.79	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	**Bromodichloromethane**	**4.9**		ug/m³	1.0	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.6	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.59	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**85**		ug/m³	0.47	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.57**		ug/m³	0.24	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.70	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.40	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**71**		ug/m³	0.74	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.69**		ug/m³	0.31	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.69	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**13**		ug/m³	0.52	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.75	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.5**		ug/m³	1.1	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP107_022018 **York Sample ID:** 18B0832-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Soil Vapor	February 20, 2018 12:31 pm	02/20/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**28**		ug/m³	0.66	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**7.3**		ug/m³	0.75	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.62	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.55	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**51**		ug/m³	0.62	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**17**		ug/m³	0.53	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**35**		ug/m³	0.66	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**110**		ug/m³	1.3	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**46**		ug/m³	0.75	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:			
115-07-1	*** Propylene**	**49**		ug/m³	0.26	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:			
100-42-5	**Styrene**	**6.1**		ug/m³	0.65	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**71**		ug/m³	0.26	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.89	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:			
108-88-3	**Toluene**	**85**		ug/m³	0.57	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.60	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.69	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**24**		ug/m³	0.20	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**260**		ug/m³	0.85	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.53	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.66	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: SVP107_022018 **York Sample ID:** 18B0832-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Soil Vapor	February 20, 2018 12:31 pm	02/20/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.097	1.517	EPA TO-15	02/22/2018 14:18	02/22/2018 14:18	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result		Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*131 %*	S-04	*70-130*

Sample Information

Client Sample ID: SVP110_022018 **York Sample ID:** 18B0832-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Soil Vapor	February 20, 2018 12:32 pm	02/20/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**2.5**		ug/m³	0.85	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	**1,1,2,2-Tetrachloroethane**	**5.2**		ug/m³	1.1	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.85	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.63	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**48**		ug/m³	0.77	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.94	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.63	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.72	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**14**		ug/m³	0.77	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**54**		ug/m³	1.0	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.94	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.72	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.94	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**61**		ug/m³	0.46	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**58**		ug/m³	1.3	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP110_022018 **York Sample ID:** 18B0832-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Soil Vapor	February 20, 2018 12:32 pm	02/20/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.64	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**260**		ug/m³	7.4	15.58	EPA TO-15	02/23/2018 14:35	02/23/2018 14:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.34	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**27**		ug/m³	0.50	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.81	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.6	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.60	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**46**		ug/m³	0.49	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**1.3**		ug/m³	0.25	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.72	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.41	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**37**		ug/m³	0.76	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**2.6**		ug/m³	0.32	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**2.0**		ug/m³	0.15	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.71	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**22**		ug/m³	0.54	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.77	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.6**		ug/m³	1.1	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**36**		ug/m³	0.68	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP110_022018 **York Sample ID:** 18B0832-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Soil Vapor	February 20, 2018 12:32 pm	02/20/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**8.4**		ug/m³	0.77	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.64	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.56	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**47**		ug/m³	0.64	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**56**		ug/m³	0.55	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**43**		ug/m³	0.68	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**140**		ug/m³	1.4	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**57**		ug/m³	0.77	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:			
115-07-1	*** Propylene**	**420**		ug/m³	2.7	15.58	EPA TO-15	02/23/2018 14:35	02/23/2018 14:35	LDS
							Certifications:			
100-42-5	**Styrene**	**7.8**		ug/m³	0.66	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**360**		ug/m³	0.26	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.92	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:			
108-88-3	**Toluene**	**65**		ug/m³	0.59	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.62	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.71	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**54**		ug/m³	0.21	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**4.9**		ug/m³	0.88	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.55	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.68	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	1.558	EPA TO-15	02/22/2018 15:23	02/22/2018 15:23	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP110_022018 **York Sample ID:** 18B0832-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Soil Vapor	February 20, 2018 12:32 pm	02/20/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*131 %*	S-04	*70-130*						

Sample Information

Client Sample ID: AA003_022018 **York Sample ID:** 18B0832-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Outdoor Ambient Air	February 20, 2018 12:34 pm	02/20/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**4.3**		ug/m³	0.26	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**		ug/m³	0.26	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**0.65**		ug/m³	0.35	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**7.3**		ug/m³	0.16	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:			

Sample Information

Client Sample ID: AA003_022018 **York Sample ID:** 18B0832-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Outdoor Ambient Air	February 20, 2018 12:34 pm	02/20/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**13**		ug/m³	0.25	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**3.7**		ug/m³	0.17	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.23**		ug/m³	0.084	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**0.29**		ug/m³	0.26	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.61**		ug/m³	0.11	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.7**		ug/m³	0.18	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.0**		ug/m³	0.26	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.0**		ug/m³	0.38	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**6.2**		ug/m³	0.23	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA003_022018 **York Sample ID:** 18B0832-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Outdoor Ambient Air	February 20, 2018 12:34 pm	02/20/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**45**		ug/m³	0.26	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**1.0**		ug/m³	0.37	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**13**		ug/m³	0.22	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**4.7**		ug/m³	0.19	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**5.2**		ug/m³	0.23	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**16**		ug/m³	0.46	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**4.4**		ug/m³	0.26	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:			
115-07-1	*** Propylene**	**4.0**		ug/m³	0.092	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:			
100-42-5	**Styrene**	**1.6**		ug/m³	0.23	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**1.7**		ug/m³	0.090	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:			
108-88-3	**Toluene**	**30**		ug/m³	0.20	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.086**		ug/m³	0.072	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.69**		ug/m³	0.30	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	02/22/2018 16:32	02/22/2018 17:35	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA003_022018 **York Sample ID:** 18B0832-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0832	170384501	Outdoor Ambient Air	February 20, 2018 12:34 pm	02/20/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*128 %*		*70-130*						

Analytical Batch Summary

Batch ID: BB81031 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0832-01	SVP107_022018	02/22/18
18B0832-02	SVP110_022018	02/22/18
18B0832-03	AA003_022018	02/22/18
BB81031-BLK1	Blank	02/22/18
BB81031-BS1	LCS	02/22/18
BB81031-DUP1	Duplicate	02/22/18

Batch ID: BB81172 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0832-01RE1	SVP107_022018	02/23/18
18B0832-02RE1	SVP110_022018	02/23/18
BB81172-BLK1	Blank	02/23/18
BB81172-BS1	LCS	02/23/18

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81031 - EPA TO15 PREP											
Blank (BB81031-BLK1)											Prepared & Analyzed: 02/22/2018
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81031 - EPA TO15 PREP											
Blank (BB81031-BLK1)											Prepared & Analyzed: 02/22/2018
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*9.04*		*ppbv*	*10.0*		*90.4*	*70-130*				
LCS (BB81031-BS1)											Prepared & Analyzed: 02/22/2018
1,1,1,2-Tetrachloroethane	11.4		ppbv	10.0		114	70-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	70-130				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	70-130				
1,1,2-Trichloroethane	12.3		"	10.0		123	70-130				
1,1-Dichloroethane	11.3		"	10.0		113	70-130				
1,1-Dichloroethylene	11.2		"	10.0		112	70-130				
1,2,4-Trichlorobenzene	12.7		"	10.0		127	70-130				
1,2,4-Trimethylbenzene	11.6		"	10.0		116	70-130				
1,2-Dibromoethane	12.4		"	10.0		124	70-130				
1,2-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,2-Dichloroethane	10.6		"	10.0		106	70-130				
1,2-Dichloropropane	12.6		"	10.0		126	70-130				
1,2-Dichlorotetrafluoroethane	11.6		"	10.0		116	70-130				
1,3,5-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,3-Butadiene	11.9		"	10.0		119	70-130				
1,3-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,3-Dichloropropane	12.2		"	10.0		122	70-130				
1,4-Dichlorobenzene	11.9		"	10.0		119	70-130				
1,4-Dioxane	11.9		"	10.0		119	70-130				
2-Butanone	9.46		"	10.0		94.6	70-130				
2-Hexanone	11.7		"	10.0		117	70-130				
3-Chloropropene	12.5		"	10.0		125	70-130				
4-Methyl-2-pentanone	10.6		"	10.0		106	70-130				
Acetone	8.46		"	10.0		84.6	70-130				
Acrylonitrile	10.6		"	10.0		106	70-130				
Benzene	11.2		"	10.0		112	70-130				
Benzyl chloride	9.85		"	10.0		98.5	70-130				
Bromodichloromethane	12.3		"	10.0		123	70-130				
Bromoform	12.1		"	10.0		121	70-130				
Bromomethane	12.0		"	10.0		120	70-130				
Carbon disulfide	11.7		"	10.0		117	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81031 - EPA TO15 PREP											
LCS (BB81031-BS1)								Prepared & Analyzed: 02/22/2018			
Carbon tetrachloride	11.2		ppbv	10.0		112	70-130				
Chlorobenzene	11.1		"	10.0		111	70-130				
Chloroethane	12.2		"	10.0		122	70-130				
Chloroform	11.2		"	10.0		112	70-130				
Chloromethane	11.1		"	10.0		111	70-130				
cis-1,2-Dichloroethylene	11.7		"	10.0		117	70-130				
cis-1,3-Dichloropropylene	11.4		"	10.0		114	70-130				
Cyclohexane	12.3		"	10.0		123	70-130				
Dibromochloromethane	10.5		"	10.0		105	70-130				
Dichlorodifluoromethane	11.1		"	10.0		111	70-130				
Ethyl acetate	10.5		"	10.0		105	70-130				
Ethyl Benzene	10.9		"	10.0		109	70-130				
Hexachlorobutadiene	10.3		"	10.0		103	70-130				
Isopropanol	9.40		"	10.0		94.0	70-130				
Methyl Methacrylate	12.6		"	10.0		126	70-130				
Methyl tert-butyl ether (MTBE)	12.0		"	10.0		120	70-130				
Methylene chloride	10.2		"	10.0		102	70-130				
n-Heptane	12.1		"	10.0		121	70-130				
n-Hexane	12.3		"	10.0		123	70-130				
o-Xylene	11.6		"	10.0		116	70-130				
p- & m- Xylenes	21.5		"	20.0		107	70-130				
p-Ethyltoluene	12.1		"	10.0		121	70-130				
Propylene	11.4		"	10.0		114	70-130				
Styrene	11.8		"	10.0		118	70-130				
Tetrachloroethylene	10.7		"	10.0		107	70-130				
Tetrahydrofuran	10.3		"	10.0		103	70-130				
Toluene	12.5		"	10.0		125	70-130				
trans-1,2-Dichloroethylene	11.5		"	10.0		115	70-130				
trans-1,3-Dichloropropylene	11.4		"	10.0		114	70-130				
Trichloroethylene	12.3		"	10.0		123	70-130				
Trichlorofluoromethane (Freon 11)	11.2		"	10.0		112	70-130				
Vinyl acetate	11.8		"	10.0		118	70-130				
Vinyl bromide	12.4		"	10.0		124	70-130				
Vinyl Chloride	11.7		"	10.0		117	70-130				
Surrogate: p-Bromofluorobenzene	*9.35*		*"*	*10.0*		*93.5*	*70-130*				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81031 - EPA TO15 PREP											
Duplicate (BB81031-DUP1)	*Source sample: 18B0832-03 (AA003_022018)								Prepared & Analyzed: 02/22/2018		
1,1,1,2-Tetrachloroethane	ND	0.37	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.29	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.37	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.41	"		ND					25	
1,1,2-Trichloroethane	ND	0.29	"		ND					25	
1,1-Dichloroethane	ND	0.22	"		ND					25	
1,1-Dichloroethylene	ND	0.053	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.40	"		ND					25	
1,2,4-Trimethylbenzene	4.5	0.26	"		4.3				2.97	25	
1,2-Dibromoethane	ND	0.41	"		ND					25	
1,2-Dichlorobenzene	ND	0.32	"		ND					25	
1,2-Dichloroethane	ND	0.22	"		ND					25	
1,2-Dichloropropane	ND	0.25	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.37	"		ND					25	
1,3,5-Trimethylbenzene	1.3	0.26	"		1.3				2.02	25	
1,3-Butadiene	0.65	0.35	"		0.65				0.00	25	
1,3-Dichlorobenzene	ND	0.32	"		ND					25	
1,3-Dichloropropane	ND	0.25	"		ND					25	
1,4-Dichlorobenzene	ND	0.32	"		ND					25	
1,4-Dioxane	ND	0.38	"		ND					25	
2-Butanone	7.3	0.16	"		7.3				0.214	25	
2-Hexanone	ND	0.44	"		ND					25	
3-Chloropropene	ND	0.83	"		ND					25	
4-Methyl-2-pentanone	ND	0.22	"		ND					25	
Acetone	11	0.25	"		13				16.6	25	
Acrylonitrile	ND	0.12	"		ND					25	
Benzene	3.6	0.17	"		3.7				1.40	25	
Benzyl chloride	ND	0.28	"		ND					25	
Bromodichloromethane	ND	0.36	"		ND					25	
Bromoform	ND	0.55	"		ND					25	
Bromomethane	ND	0.21	"		ND					25	
Carbon disulfide	ND	0.17	"		ND					25	
Carbon tetrachloride	0.23	0.084	"		0.23				0.00	25	
Chlorobenzene	ND	0.25	"		ND					25	
Chloroethane	ND	0.14	"		ND					25	
Chloroform	0.29	0.26	"		0.29				0.00	25	
Chloromethane	0.61	0.11	"		0.61				0.00	25	
cis-1,2-Dichloroethylene	ND	0.053	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Cyclohexane	1.6	0.18	"		1.7				9.94	25	
Dibromochloromethane	ND	0.45	"		ND					25	
Dichlorodifluoromethane	0.98	0.26	"		1.0				2.67	25	
Ethyl acetate	1.0	0.38	"		1.0				0.00	25	
Ethyl Benzene	6.4	0.23	"		6.2				2.58	25	
Hexachlorobutadiene	ND	0.57	"		ND					25	
Isopropanol	55	0.26	"		45				20.5	25	
Methyl Methacrylate	ND	0.22	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.19	"		ND					25	
Methylene chloride	0.98	0.37	"		1.0				1.87	25	
n-Heptane	13	0.22	"		13				3.22	25	
n-Hexane	4.5	0.19	"		4.7				3.68	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

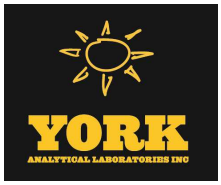
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81031 - EPA TO15 PREP											
Duplicate (BB81031-DUP1)	*Source sample: 18B0832-03 (AA003_022018)								Prepared & Analyzed: 02/22/2018		
o-Xylene	5.3	0.23	ug/m³		5.2				1.78	25	
p- & m- Xylenes	17	0.46	"		16				3.07	25	
p-Ethyltoluene	4.5	0.26	"		4.4				1.78	25	
Propylene	3.9	0.092	"		4.0				2.56	25	
Styrene	1.7	0.23	"		1.6				1.38	25	
Tetrachloroethylene	1.6	0.090	"		1.7				6.74	25	
Tetrahydrofuran	ND	0.31	"		ND					25	
Toluene	29	0.20	"		30				5.05	25	
trans-1,2-Dichloroethylene	ND	0.21	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Trichloroethylene	ND	0.072	"		0.086					25	
Trichlorofluoromethane (Freon 11)	0.66	0.30	"		0.69				4.44	25	
Vinyl acetate	ND	0.19	"		ND					25	
Vinyl bromide	ND	0.23	"		ND					25	
Vinyl Chloride	ND	0.034	"		ND					25	
Surrogate: p-Bromofluorobenzene	*12.2*		*ppbv*	*10.0*		*122*	*70-130*				
Batch BB81172 - EPA TO15 PREP											
Blank (BB81172-BLK1)									Prepared & Analyzed: 02/23/2018		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81172 - EPA TO15 PREP											
Blank (BB81172-BLK1)											Prepared & Analyzed: 02/23/2018
Carbon disulfide	ND	0.31	ug/m³								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*8.70*		*ppbv*	*10.0*		*87.0*	*70-130*				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81172 - EPA TO15 PREP											
LCS (BB81172-BS1)								Prepared & Analyzed: 02/23/2018			
1,1,1,2-Tetrachloroethane	9.49		ppbv	10.0		94.9	70-130				
1,1,1-Trichloroethane	9.30		"	10.0		93.0	70-130				
1,1,2,2-Tetrachloroethane	9.69		"	10.0		96.9	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.46		"	10.0		94.6	70-130				
1,1,2-Trichloroethane	9.60		"	10.0		96.0	70-130				
1,1-Dichloroethane	9.39		"	10.0		93.9	70-130				
1,1-Dichloroethylene	9.10		"	10.0		91.0	70-130				
1,2,4-Trichlorobenzene	10.9		"	10.0		109	70-130				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	70-130				
1,2-Dibromoethane	9.76		"	10.0		97.6	70-130				
1,2-Dichlorobenzene	9.75		"	10.0		97.5	70-130				
1,2-Dichloroethane	8.69		"	10.0		86.9	70-130				
1,2-Dichloropropane	9.81		"	10.0		98.1	70-130				
1,2-Dichlorotetrafluoroethane	9.81		"	10.0		98.1	70-130				
1,3,5-Trimethylbenzene	9.61		"	10.0		96.1	70-130				
1,3-Butadiene	9.64		"	10.0		96.4	70-130				
1,3-Dichlorobenzene	10.0		"	10.0		100	70-130				
1,3-Dichloropropane	9.45		"	10.0		94.5	70-130				
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130				
1,4-Dioxane	14.8		"	10.0		148	70-130	High Bias			
2-Butanone	8.15		"	10.0		81.5	70-130				
2-Hexanone	11.3		"	10.0		113	70-130				
3-Chloropropene	10.5		"	10.0		105	70-130				
4-Methyl-2-pentanone	9.63		"	10.0		96.3	70-130				
Acetone	7.14		"	10.0		71.4	70-130				
Acrylonitrile	9.20		"	10.0		92.0	70-130				
Benzene	9.29		"	10.0		92.9	70-130				
Benzyl chloride	8.72		"	10.0		87.2	70-130				
Bromodichloromethane	9.33		"	10.0		93.3	70-130				
Bromoform	10.5		"	10.0		105	70-130				
Bromomethane	9.66		"	10.0		96.6	70-130				
Carbon disulfide	10.1		"	10.0		101	70-130				
Carbon tetrachloride	9.26		"	10.0		92.6	70-130				
Chlorobenzene	9.40		"	10.0		94.0	70-130				
Chloroethane	10.1		"	10.0		101	70-130				
Chloroform	9.24		"	10.0		92.4	70-130				
Chloromethane	8.96		"	10.0		89.6	70-130				
cis-1,2-Dichloroethylene	7.83		"	10.0		78.3	70-130				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	70-130				
Cyclohexane	10.3		"	10.0		103	70-130				
Dibromochloromethane	10.4		"	10.0		104	70-130				
Dichlorodifluoromethane	8.83		"	10.0		88.3	70-130				
Ethyl acetate	9.58		"	10.0		95.8	70-130				
Ethyl Benzene	9.21		"	10.0		92.1	70-130				
Hexachlorobutadiene	8.50		"	10.0		85.0	70-130				
Isopropanol	7.96		"	10.0		79.6	70-130				
Methyl Methacrylate	10.2		"	10.0		102	70-130				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	70-130				
Methylene chloride	8.54		"	10.0		85.4	70-130				
n-Heptane	10.2		"	10.0		102	70-130				
n-Hexane	10.3		"	10.0		103	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81172 - EPA TO15 PREP											
LCS (BB81172-BS1)								Prepared & Analyzed: 02/23/2018			
o-Xylene	9.72		ppbv	10.0		97.2	70-130				
p- & m- Xylenes	18.2		"	20.0		91.1	70-130				
p-Ethyltoluene	10.5		"	10.0		105	70-130				
Propylene	9.09		"	10.0		90.9	70-130				
Styrene	9.98		"	10.0		99.8	70-130				
Tetrachloroethylene	8.38		"	10.0		83.8	70-130				
Tetrahydrofuran	8.73		"	10.0		87.3	70-130				
Toluene	9.62		"	10.0		96.2	70-130				
trans-1,2-Dichloroethylene	9.91		"	10.0		99.1	70-130				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	70-130				
Trichloroethylene	9.71		"	10.0		97.1	70-130				
Trichlorofluoromethane (Freon 11)	8.86		"	10.0		88.6	70-130				
Vinyl acetate	11.6		"	10.0		116	70-130				
Vinyl bromide	10.4		"	10.0		104	70-130				
Vinyl Chloride	9.72		"	10.0		97.2	70-130				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com | www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No. 1880832

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: LANGANENG.	Company: "	Company: "
Address: 360 W 31st ST 8FL NY, NY 10001	Address:	Address:
Phone: (212) 479-5400	Phone:	Phone:
Contact: KIMDELCOL	Contact:	Contact:
E-mail: KDELCOL	E-mail: SKNOOP@LANGAN.COM	E-mail:

YOUR Project Number: 170384501

YOUR Project Name: 805 Atlantic Ave

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) Taylor Morgan

Air Matrix Codes: AI - Indoor Ambient Air; AO - Outdoor Amb. Air; AE - Vapor Extraction Well/Process Gas/Effluent; AS - Soil Vapor/Sub-Slab

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; Other: | CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliv.; NJDKQP | Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch X Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SVP107-022018	02/20/18 12:31	AS	29.06	4.64	19530	7360	TO-15 VOCs
SVP110-022018	02/20/18 12:32	AS	29.18	4.70	22081	Y11	TO-15 VOCs
AA003-022018	02/20/18 12:34	AO	28.44	4.86	Y75	Y48	TO-15 VOCs

Comments:

Detection Limits Required: ≤ 1 ug/m³ ___ NYSDEC V1 Limits ___ Routine Survey ___ Other ___

Sampling Media: 6 Liter Canister X; Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature]	02/20/18 1455	[signature]	2/20/18 1455	[signature]	2/23/18 9:15
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
		[signature]		[signature]	
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received by LAB by	Date/Time
				[signature]	2-20-18 2115

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

Report Date: 02/27/2018
Client Project ID: 170001406
York Project (SDG) No.: 18B0948

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 02/27/2018
Client Project ID: 170001406
York Project (SDG) No.: 18B0948

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 23, 2018 and listed below. The project was identified as your project: **170001406**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0948-01	COMP01_022318	Soil	02/23/2018	02/23/2018
18B0948-02	COMP02_022318	Soil	02/23/2018	02/23/2018
18B0948-03	COMP03_022318	Soil	02/23/2018	02/23/2018
18B0948-04	GRAB01_022318	Soil	02/23/2018	02/23/2018
18B0948-05	GRAB02_022318	Soil	02/23/2018	02/23/2018
18B0948-06	GRAB03_022318	Soil	02/23/2018	02/23/2018

General Notes for York Project (SDG) No.: 18B0948

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 02/27/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,PADEP	02/26/2018 12:08	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,PADEP	02/26/2018 12:08	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,PADEP	02/26/2018 12:08	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
62-53-3	Aniline	ND		mg/kg dry	0.193	0.386	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
92-87-5	Benzidine	ND		mg/kg dry	0.193	0.386	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,PADEP	02/26/2018 12:08	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0963	0.192	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
108-95-2	Phenol	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0483	0.0963	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH
110-86-1	Pyridine	ND		mg/kg dry	0.193	0.386	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:08	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*28.9 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*58.8 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.1 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*74.6 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*57.2 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		mg/kg dry			2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:08	KH

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 NELAC-NY10854,NJDEP	02/26/2018 12:23	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.00381	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH	02/26/2018 12:23	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 NELAC-NY10854,NJDEP	02/26/2018 12:23	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00953	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.0964	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:23	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications:	02/26/2018 07:16	02/26/2018 12:23	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.7 %*	*30-140*

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:05	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:05	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:05	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:05	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:05	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:05	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:05	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications:	02/26/2018 07:16	02/26/2018 12:05	LAB

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.3 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0226	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 03:46	02/26/2018 13:16	LAB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0226	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 03:46	02/26/2018 13:16	LAB
94-75-7	2,4-D	ND		mg/kg dry	0.0226	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 03:46	02/26/2018 13:16	LAB

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*125 %*	*30-150*

Total Petro. Hydrocarbons-DRO (C10-C44)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	11.1	1	EPA 8015D Certifications: PADEP	02/26/2018 03:53	02/26/2018 09:48	SA

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*106 %*	*30-150*

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	92.4	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	02/26/2018 08:12	02/26/2018 15:31	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*70-130*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5890**		mg/kg dry	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-36-0	Antimony	ND		mg/kg dry	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-38-2	**Arsenic**	**1.60**		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-39-3	**Barium**	**52.3**		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.115	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.346	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-70-2	**Calcium**	**15900**		mg/kg dry	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-47-3	**Chromium**	**12.9**		mg/kg dry	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-48-4	**Cobalt**	**5.37**		mg/kg dry	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-50-8	**Copper**	**13.9**		mg/kg dry	4.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7439-89-6	**Iron**	**9230**		mg/kg dry	2.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7439-92-1	**Lead**	**20.0**		mg/kg dry	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7439-95-4	**Magnesium**	**2620**		mg/kg dry	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7439-96-5	**Manganese**	**277**		mg/kg dry	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-02-0	**Nickel**	**11.6**		mg/kg dry	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-09-7	**Potassium**	**973**		mg/kg dry	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7782-49-2	Selenium	ND		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-23-5	**Sodium**	**272**		mg/kg dry	11.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-28-0	Thallium	ND		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-62-2	**Vanadium**	**15.3**		mg/kg dry	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML
7440-66-6	**Zinc**	**33.5**		mg/kg dry	1.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:19	KML

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.100	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/27/2018 10:19	02/27/2018 16:00	KML
7440-39-3	**Barium**	**0.273**		mg/L	0.250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/27/2018 10:19	02/27/2018 16:00	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/27/2018 10:19	02/27/2018 16:00	KML
7440-47-3	**Chromium**	**0.210**		mg/L	0.125	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/27/2018 10:19	02/27/2018 16:00	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/27/2018 10:19	02/27/2018 16:00	KML
7782-49-2	Selenium	ND		mg/L	0.250	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/27/2018 10:19	02/27/2018 16:00	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/27/2018 10:19	02/27/2018 16:00	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0508**		mg/kg dry	0.0346	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/26/2018 09:45	02/26/2018 12:27	SY

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473/1311 Certifications: NELAC-NY10854,NJDEP,CTDOH	02/27/2018 10:31	02/27/2018 14:26	SY

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Ignitability

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	EPA 1030P Certifications:	02/23/2018 20:04	02/24/2018 04:01	AA

Paint Filter Test

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		-	0	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP	02/23/2018 20:06	02/24/2018 03:57	AA

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.6**		%	0.100	1	SM 2540G Certifications: CTDOH	02/26/2018 09:59	02/26/2018 13:21	TAJ

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**2.40**		mg/kg dry	0.577	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	02/26/2018 11:11	02/26/2018 15:54	TJM

Corrosivity by SM 4500/EPA 9045D

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**12.0**		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/26/2018 12:05	02/26/2018 12:52	TJM

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.577	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 08:30	02/26/2018 16:11	AD

Reactivity-Cyanide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/26/2018 17:08	02/26/2018 17:08	AD

Sample Information

Client Sample ID: COMP01_022318 **York Sample ID:** 18B0948-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:00 pm	02/23/2018

Reactivity-Sulfide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/26/2018 17:09	02/26/2018 17:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 14:04	02/27/2018 10:14	TAJ

Temperature

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**20.4**		°C		1	EPA 170.1 Certifications:	02/26/2018 12:06	02/26/2018 12:52	TJM

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:14	02/26/2018 12:39	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0983	0.196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:14	02/26/2018 12:39	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:14	02/26/2018 12:39	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/26/2018 07:14	02/26/2018 12:39	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:14	02/26/2018 12:39	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/26/2018 07:14	02/26/2018 12:39	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/26/2018 07:14	02/26/2018 12:39	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0983	0.196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:14	02/26/2018 12:39	KH

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0983	0.196	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0983	0.196	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0983	0.196	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0983	0.196	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0983	0.196	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0983	0.196	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
62-53-3	Aniline	ND		mg/kg dry	0.197	0.394	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.394	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,PADEP	02/26/2018 12:39	KH
56-55-3	**Benzo(a)anthracene**	**0.0754**	J	mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
50-32-8	**Benzo(a)pyrene**	**0.0621**	J	mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0519**	J	mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0589**	J	mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0983	0.196	2	EPA 8270D Certifications:	02/26/2018 07:14 NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH
218-01-9	**Chrysene**	**0.0644**	J	mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.146**		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**0.0786**	J	mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**0.152**		mg/kg dry	0.0493	0.0983	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.394	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:39	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*49.5 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*64.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.8 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*61.0 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*48.9 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		mg/kg dry			2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 12:39	KH

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 NELAC-NY10854,NJDEP	02/26/2018 12:38	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.00389	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:38	SA

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH	02/26/2018 07:16	02/26/2018 12:38	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:38	SA
72-20-8	Endrin	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:38	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:38	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:38	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:38	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/26/2018 07:16	02/26/2018 12:38	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:38	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:38	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00972	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:38	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.0984	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:38	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications:	02/26/2018 07:16	02/26/2018 12:38	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*103 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.2 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:29	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:29	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:29	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:29	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:29	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:29	LAB

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:29	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	02/26/2018 07:16	02/26/2018 12:29	LAB

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.2 %*	*30-140*

Herbicides, Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0236	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 03:46	02/26/2018 13:29	LAB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0236	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 03:46	02/26/2018 13:29	LAB
94-75-7	2,4-D	ND		mg/kg dry	0.0236	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 03:46	02/26/2018 13:29	LAB

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*120 %*	*30-150*

Total Petro. Hydrocarbons-DRO (C10-C44)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	11.8	1	EPA 8015D Certifications: PADEP	02/26/2018 03:53	02/26/2018 10:18	SA

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*93.4 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes: **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	94.3	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	02/26/2018 08:12	02/26/2018 16:07	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*70-130*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6020**		mg/kg dry	5.89	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.589	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.37**		mg/kg dry	1.18	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**61.2**		mg/kg dry	1.18	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.118	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.354	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**21900**		mg/kg dry	5.89	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**20.3**		mg/kg dry	0.589	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**5.52**		mg/kg dry	0.589	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**17.2**		mg/kg dry	4.13	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**10700**		mg/kg dry	2.36	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**28.8**		mg/kg dry	0.589	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3370**		mg/kg dry	5.89	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**323**		mg/kg dry	0.589	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**14.4**		mg/kg dry	0.589	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1070**		mg/kg dry	5.89	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.18	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.589	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**329**		mg/kg dry	11.8	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**16.6**		mg/kg dry	1.18	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**77.4**		mg/kg dry	1.77	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:24	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.100	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.624**		mg/L	0.250	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.250	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0560**		mg/kg dry	0.0354	1	EPA 7473	02/26/2018 09:45	02/26/2018 12:35	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473/1311	02/27/2018 10:31	02/27/2018 14:57	SY
							Certifications: NELAC-NY10854,NJDEP,CTDOH			

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	EPA 1030P	02/23/2018 20:04	02/24/2018 04:01	AA
							Certifications:			

Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		-	0	1	EPA 9095B	02/23/2018 20:06	02/24/2018 03:57	AA
							Certifications: NELAC-NY10854,NJDEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.8**		%	0.100	1	SM 2540G	02/26/2018 09:59	02/26/2018 13:21	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**3.16**		mg/kg dry	0.589	1	EPA 7196A	02/26/2018 11:11	02/26/2018 15:54	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Corrosivity by SM 4500/EPA 9045D

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**12.0**		pH units	0.500	1	EPA 9045D	02/26/2018 12:05	02/26/2018 12:52	TJM
							Certifications: NELAC-NY10854,CTDOH,PADEP			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.589	1	EPA 9014/9010C	02/26/2018 08:30	02/26/2018 16:11	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Reactivity-Cyanide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	02/26/2018 17:08	02/26/2018 17:08	AD
							Certifications: CTDOH,PADEP			

Reactivity-Sulfide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	02/26/2018 17:09	02/26/2018 17:10	AD
							Certifications: CTDOH,PADEP			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/26/2018 14:04	02/27/2018 10:14	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Temperature

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: COMP02_022318 **York Sample ID:** 18B0948-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:10 pm	02/23/2018

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**20.4**		°C		1	EPA 170.1	02/26/2018 12:06	02/26/2018 12:52	TJM
							Certifications:			

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	NELAC-NY10854,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11 CTDOH,NELAC-NY10854,PADEP	KH

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**0.0990**		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**0.107**		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.0742**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**0.0600**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.0735**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.153**		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.0960**		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	**Di-n-octyl phthalate**	**0.0607**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.214**		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D	02/26/2018 07:14	02/26/2018 13:11	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
85-01-8	**Phenanthrene**	**0.149**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
129-00-0	**Pyrene**	**0.237**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications:	02/26/2018 07:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:11	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.9 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*47.9 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*62.7 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.7 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*64.7 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*60.0 %*	*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		mg/kg dry			2	EPA 8270D Certifications:	02/26/2018 07:14	02/26/2018 13:11	KH

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/26/2018 07:16	02/26/2018 12:53	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.00371	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH	02/26/2018 07:16	02/26/2018 12:53	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/26/2018 07:16	02/26/2018 12:53	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 07:16	02/26/2018 12:53	SA

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

Pesticides, NJDEP/TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:53	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00928	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:53	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.0939	5	EPA 8081B Certifications:	02/26/2018 07:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 12:53	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	02/26/2018 07:16	02/26/2018 12:53	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.2 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	02/26/2018 07:16 NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 12:53	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	02/26/2018 07:16 NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 12:53	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	02/26/2018 07:16 NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 12:53	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	02/26/2018 07:16 NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 12:53	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	02/26/2018 07:16 NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 12:53	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	02/26/2018 07:16 NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 12:53	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	02/26/2018 07:16 NELAC-NY10854,CTDOH,NJDEP,PADEP	02/26/2018 12:53	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	02/26/2018 07:16	02/26/2018 12:53	LAB

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.9 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A Certifications:	02/26/2018 03:46 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 13:42	LAB

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

Herbicides, Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 03:46	02/26/2018 13:42	LAB
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 03:46	02/26/2018 13:42	LAB

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*128 %*	*30-150*

Total Petro. Hydrocarbons-DRO (C10-C44)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	11.2	1	EPA 8015D Certifications: PADEP	02/26/2018 03:53	02/26/2018 10:48	SA

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*106 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes: **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	90.0	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	02/26/2018 08:12	02/26/2018 16:44	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*70-130*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5390**		mg/kg dry	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:46	KML
7440-36-0	Antimony	ND		mg/kg dry	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:46	KML
7440-38-2	**Arsenic**	**1.55**		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:46	KML
7440-39-3	**Barium**	**56.9**		mg/kg dry	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:46	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:46	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:46	KML
7440-70-2	**Calcium**	**29800**		mg/kg dry	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/26/2018 09:15	02/26/2018 13:46	KML

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**14.0**		mg/kg dry	0.562	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**5.00**		mg/kg dry	0.562	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**22.7**		mg/kg dry	0.562	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**9980**		mg/kg dry	2.25	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**28.0**		mg/kg dry	0.562	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4220**		mg/kg dry	5.62	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**306**		mg/kg dry	0.562	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**18.1**		mg/kg dry	0.562	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**970**		mg/kg dry	5.62	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.12	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**264**		mg/kg dry	11.2	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.12	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**13.9**		mg/kg dry	1.12	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**76.0**		mg/kg dry	1.69	1	EPA 6010C	02/26/2018 09:15	02/26/2018 13:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.100	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.450**		mg/L	0.250	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.130**		mg/L	0.125	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

Metals, TCLP RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/L	0.250	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010C/1311	02/27/2018 10:19	02/27/2018 15:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.318**		mg/kg dry	0.0337	1	EPA 7473	02/26/2018 09:45	02/26/2018 12:43	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473/1311	02/27/2018 10:31	02/27/2018 15:07	SY
							Certifications: NELAC-NY10854,NJDEP,CTDOH			

Ignitability

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	EPA 1030P	02/23/2018 20:04	02/24/2018 04:01	AA
							Certifications:			

Paint Filter Test

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		-	0	1	EPA 9095B	02/23/2018 20:06	02/24/2018 03:57	AA
							Certifications: NELAC-NY10854,NJDEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.9**		%	0.100	1	SM 2540G	02/26/2018 09:59	02/26/2018 13:21	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: COMP03_022318 **York Sample ID:** 18B0948-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:20 pm	02/23/2018

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**2.52**		mg/kg dry	0.562	1	EPA 7196A	02/26/2018 11:11	02/26/2018 15:54	TJM
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Corrosivity by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**11.8**		pH units	0.500	1	EPA 9045D	02/26/2018 12:05	02/26/2018 12:52	TJM
							Certifications: NELAC-NY10854,CTDOH,PADEP			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.562	1	EPA 9014/9010C	02/26/2018 08:30	02/26/2018 16:11	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	02/26/2018 17:08	02/26/2018 17:08	AD
							Certifications: CTDOH,PADEP			

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	02/26/2018 17:09	02/26/2018 17:10	AD
							Certifications: CTDOH,PADEP			

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/26/2018 14:04	02/27/2018 10:14	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**20.4**		°C		1	EPA 170.1	02/26/2018 12:06	02/26/2018 12:52	TJM
							Certifications:			

Sample Information

Client Sample ID: GRAB01_022318 **York Sample ID:** 18B0948-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:05 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.032	0.13	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0016	0.0065	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS

Sample Information

Client Sample ID: GRAB01_022318 **York Sample ID:** 18B0948-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:05 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**0.016**	SCAL-E	mg/kg dry	0.0032	0.0065	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
71-43-2	Benzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C	02/26/2018 07:30	02/26/2018 14:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP		

Sample Information

Client Sample ID: GRAB01_022318 **York Sample ID:** 18B0948-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:05 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
100-42-5	Styrene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0016	0.0065	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-88-3	Toluene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0016	0.0032	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.2 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*76-130*

Sample Information

Client Sample ID: GRAB01_022318 **York Sample ID:** 18B0948-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:05 pm	02/23/2018

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		mg/kg dry			1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:24	SS

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	56.4	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	02/26/2018 03:52	02/26/2018 11:34	LAB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*83.8 %*	*40-140*
84-15-1	*Surrogate: o-Terphenyl*	*87.8 %*	*40-140*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.3**		%	0.100	1	SM 2540G Certifications: CTDOH	02/26/2018 09:59	02/26/2018 13:21	TAJ

Sample Information

Client Sample ID: GRAB02_022318 **York Sample ID:** 18B0948-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:15 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS

Sample Information

Client Sample ID: GRAB02_022318 **York Sample ID:** 18B0948-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:15 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.037	0.15	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0018	0.0073	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
67-64-1	**Acetone**	**0.014**	SCAL-E	mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
71-43-2	Benzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS

Sample Information

Client Sample ID: GRAB02_022318 **York Sample ID:** 18B0948-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:15 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-71-8	**Dichlorodifluoromethane**	**0.0023**	J	mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS

Sample Information

Client Sample ID: GRAB02_022318 **York Sample ID:** 18B0948-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:15 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
100-42-5	Styrene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0018	0.0073	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-88-3	Toluene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0018	0.0037	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.6 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		mg/kg dry			1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 14:55	SS

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GRAB02_022318 **York Sample ID:** 18B0948-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:15 pm	02/23/2018

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	59.3	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	02/26/2018 03:52	02/26/2018 12:03	LAB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*79.3 %*	*40-140*
84-15-1	*Surrogate: o-Terphenyl*	*82.8 %*	*40-140*

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.5**		%	0.100	1	SM 2540G Certifications: CTDOH	02/26/2018 09:59	02/26/2018 13:21	TAJ

Sample Information

Client Sample ID: GRAB03_022318 **York Sample ID:** 18B0948-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:25 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 07:30	02/26/2018 15:27	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 07:30	02/26/2018 15:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 07:30	02/26/2018 15:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/26/2018 07:30	02/26/2018 15:27	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 07:30	02/26/2018 15:27	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 07:30	02/26/2018 15:27	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 07:30	02/26/2018 15:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 07:30	02/26/2018 15:27	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/26/2018 07:30	02/26/2018 15:27	SS

Sample Information

Client Sample ID: GRAB03_022318 **York Sample ID:** 18B0948-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:25 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.035	0.14	1	EPA 8260C Certifications:	02/26/2018 07:30 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0069	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
67-64-1	**Acetone**	**0.0094**	SCAL-E	mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS

Sample Information

Client Sample ID: GRAB03_022318 **York Sample ID:** 18B0948-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:25 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0035	0.0069	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	SS

Sample Information

Client Sample ID: GRAB03_022318 **York Sample ID:** 18B0948-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:25 pm	02/23/2018

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0017	0.0069	1	EPA 8260C Certifications:	02/26/2018 07:30 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0017	0.0035	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/26/2018 15:27	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	02/26/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/26/2018 15:27	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		mg/kg dry			1	EPA 8260C Certifications:	02/26/2018 07:30	02/26/2018 15:27	SS

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	59.7	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	02/26/2018 03:52	02/26/2018 12:31	LAB

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*87.0 %*	*40-140*

Sample Information

Client Sample ID: GRAB03_022318 **York Sample ID:** 18B0948-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0948	170001406	Soil	February 23, 2018 2:25 pm	02/23/2018

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-15-1	*Surrogate: o-Terphenyl*	*89.8 %*			*40-140*					

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.9**		%	0.100	1	SM 2540G	02/26/2018 09:59	02/26/2018 13:21	TAJ
							Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BB81099 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/23/18
18B0948-02	COMP02_022318	02/23/18
18B0948-03	COMP03_022318	02/23/18

Batch ID: BB81101 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/23/18
18B0948-02	COMP02_022318	02/23/18
18B0948-03	COMP03_022318	02/23/18

Batch ID: BB81106 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81106-BLK1	Blank	02/26/18
BB81106-BS1	LCS	02/26/18

Batch ID: BB81107 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81107-BLK1	Blank	02/26/18
BB81107-BS1	LCS	02/26/18
BB81107-MS1	Matrix Spike	02/26/18
BB81107-MSD1	Matrix Spike Dup	02/26/18

Batch ID: BB81108 **Preparation Method:** EPA 3545A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-04	GRAB01_022318	02/26/18
18B0948-05	GRAB02_022318	02/26/18
18B0948-06	GRAB03_022318	02/26/18
BB81108-BLK1	Blank	02/26/18
BB81108-BS1	LCS	02/26/18
BB81108-BSD1	LCS Dup	02/26/18
BB81108-DUP1	Duplicate	02/26/18
BB81108-MS1	Matrix Spike	02/26/18

Batch ID: BB81109 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81109-BLK1	Blank	02/26/18
BB81109-BLK1	Blank	02/26/18
BB81109-BS1	LCS	02/26/18

Batch ID: BB81110 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81110-BLK1	Blank	02/26/18
BB81110-BLK2	Blank	02/26/18
BB81110-BS1	LCS	02/26/18
BB81110-BS2	LCS	02/26/18

Batch ID: BB81113 **Preparation Method:** EPA 5035A **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81113-BLK1	Blank	02/26/18
BB81113-SRM1	Reference	02/26/18

Batch ID: BB81117 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-04	GRAB01_022318	02/26/18
18B0948-05	GRAB02_022318	02/26/18
18B0948-06	GRAB03_022318	02/26/18
BB81117-BLK1	Blank	02/26/18
BB81117-BLK2	Blank	02/26/18
BB81117-BS1	LCS	02/26/18
BB81117-BSD1	LCS Dup	02/26/18

Batch ID: BB81121 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81121-BLK1	Blank	02/26/18
BB81121-SRM1	Reference	02/26/18

Batch ID: BB81122 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81122-BLK1	Blank	02/26/18
BB81122-SRM1	Reference	02/26/18

Batch ID: BB81124 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81124-BLK1	Blank	02/26/18
BB81124-SRM1	Reference	02/26/18

Batch ID: BB81129 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
18B0948-04	GRAB01_022318	02/26/18
18B0948-05	GRAB02_022318	02/26/18
18B0948-06	GRAB03_022318	02/26/18
BB81129-DUP1	Duplicate	02/26/18

Batch ID: BB81132 **Preparation Method:** EPA SW846-3060 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81132-BLK1	Blank	02/26/18
BB81132-SRM1	Reference	02/26/18

Batch ID: BB81139 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81139-DUP1	Duplicate	02/26/18

Batch ID: BB81140 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18

Batch ID: BB81151 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18
BB81151-BLK1	Blank	02/26/18

Batch ID: BB81162 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18

Batch ID: BB81163 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/26/18
18B0948-02	COMP02_022318	02/26/18
18B0948-03	COMP03_022318	02/26/18

Batch ID: BB81197 **Preparation Method:** EPA 3015A/1311 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/27/18
18B0948-02	COMP02_022318	02/27/18
18B0948-03	COMP03_022318	02/27/18
BB81197-BLK1	Blank	02/27/18
BB81197-LBK1	Leach Fluid Blank	02/27/18
BB81197-SRM1	Reference	02/27/18

Batch ID: BB81202 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18B0948-01	COMP01_022318	02/27/18
18B0948-02	COMP02_022318	02/27/18
18B0948-03	COMP03_022318	02/27/18
BB81202-BLK1	Blank	02/27/18
BB81202-DUP1	Duplicate	02/27/18
BB81202-LBK1	Leach Fluid Blank	02/27/18
BB81202-MS1	Matrix Spike	02/27/18
BB81202-SRM1	Reference	02/27/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81117 - EPA 5035A											
Blank (BB81117-BLK1)											Prepared & Analyzed: 02/26/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81117 - EPA 5035A											
Blank (BB81117-BLK1)											Prepared & Analyzed: 02/26/2018
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*47.2*		*ug/L*	*50.0*		*94.4*	*77-125*				
Surrogate: Toluene-d8	*48.2*		*"*	*50.0*		*96.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.2*		*"*	*50.0*		*102*	*76-130*				
Blank (BB81117-BLK2)											Prepared & Analyzed: 02/26/2018
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	20	"								
2-Butanone	ND	1.0	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

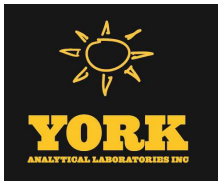
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81117 - EPA 5035A											
Blank (BB81117-BLK2)											Prepared & Analyzed: 02/26/2018
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*47.7*		*ug/L*	*50.0*		*95.4*	*77-125*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81117 - EPA 5035A											
LCS (BB81117-BS1)								Prepared & Analyzed: 02/26/2018			
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.6	75-129				
1,1,1-Trichloroethane	47		"	50.0		93.2	71-137				
1,1,2,2-Tetrachloroethane	47		"	50.0		93.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		97.8	58-146				
1,1,2-Trichloroethane	46		"	50.0		91.6	83-123				
1,1-Dichloroethane	48		"	50.0		96.8	75-130				
1,1-Dichloroethylene	47		"	50.0		94.7	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.7	81-140				
1,2,3-Trichloropropane	46		"	50.0		91.4	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		99.9	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		92.5	84-125				
1,2-Dibromo-3-chloropropane	46		"	50.0		91.4	74-142				
1,2-Dibromoethane	47		"	50.0		93.6	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.5	85-122				
1,2-Dichloroethane	48		"	50.0		96.8	71-133				
1,2-Dichloropropane	44		"	50.0		88.5	81-122				
1,3,5-Trimethylbenzene	46		"	50.0		91.2	82-126				
1,3-Dichlorobenzene	48		"	50.0		95.1	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.4	84-124				
1,4-Dioxane	1200		"	1050		111	10-228				
2-Butanone	46		"	50.0		91.4	58-147				
2-Hexanone	40		"	50.0		79.3	70-139				
4-Methyl-2-pentanone	40		"	50.0		80.9	72-132				
Acetone	39		"	50.0		77.4	36-155				
Acrolein	86		"	50.0		171	10-238				
Acrylonitrile	50		"	50.0		99.4	66-141				
Benzene	50		"	50.0		99.1	77-127				
Bromochloromethane	48		"	50.0		96.2	74-129				
Bromodichloromethane	43		"	50.0		86.8	81-124				
Bromoform	44		"	50.0		88.6	80-136				
Bromomethane	50		"	50.0		101	32-177				
Carbon disulfide	51		"	50.0		102	10-136				
Carbon tetrachloride	47		"	50.0		94.5	66-143				
Chlorobenzene	47		"	50.0		94.5	86-120				
Chloroethane	56		"	50.0		113	51-142				
Chloroform	49		"	50.0		97.4	76-131				
Chloromethane	55		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	50		"	50.0		99.8	74-132				
cis-1,3-Dichloropropylene	44		"	50.0		87.6	81-129				
Cyclohexane	46		"	50.0		91.7	70-130				
Dibromochloromethane	46		"	50.0		91.9	10-200				
Dibromomethane	46		"	50.0		91.2	83-124				
Dichlorodifluoromethane	63		"	50.0		125	28-158				
Ethyl Benzene	46		"	50.0		91.9	84-125				
Hexachlorobutadiene	47		"	50.0		94.5	83-133				
Isopropylbenzene	46		"	50.0		91.6	81-127				
Methyl acetate	40		"	50.0		79.6	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.9	74-131				
Methylcyclohexane	44		"	50.0		87.2	70-130				
Methylene chloride	52		"	50.0		105	57-141				
n-Butylbenzene	47		"	50.0		93.6	80-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81117 - EPA 5035A											
LCS (BB81117-BS1)								Prepared & Analyzed: 02/26/2018			
n-Propylbenzene	45		ug/L	50.0		90.6	74-136				
o-Xylene	46		"	50.0		92.4	83-123				
p- & m- Xylenes	90		"	100		90.1	82-128				
p-Isopropyltoluene	47		"	50.0		94.8	85-125				
sec-Butylbenzene	49		"	50.0		97.1	83-125				
Styrene	46		"	50.0		92.1	86-126				
tert-Butyl alcohol (TBA)	220		"	250		89.4	70-130				
tert-Butylbenzene	46		"	50.0		92.8	80-127				
Tetrachloroethylene	46		"	50.0		92.9	80-129				
Toluene	46		"	50.0		91.4	85-121				
trans-1,2-Dichloroethylene	46		"	50.0		92.7	72-132				
trans-1,3-Dichloropropylene	43		"	50.0		86.8	78-132				
Trichloroethylene	45		"	50.0		90.9	84-123				
Trichlorofluoromethane	55		"	50.0		110	62-140				
Vinyl Chloride	56		"	50.0		112	52-130				
Surrogate: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.6*	*77-125*				
Surrogate: Toluene-d8	*47.8*		*"*	*50.0*		*95.6*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BB81117-BSD1)								Prepared & Analyzed: 02/26/2018			
1,1,1,2-Tetrachloroethane	48		ug/L	50.0		96.7	75-129		2.22	30	
1,1,1-Trichloroethane	47		"	50.0		94.5	71-137		1.32	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.6	79-129		3.67	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.0	58-146		0.204	30	
1,1,2-Trichloroethane	46		"	50.0		92.5	83-123		0.978	30	
1,1-Dichloroethane	49		"	50.0		97.4	75-130		0.618	30	
1,1-Dichloroethylene	48		"	50.0		95.0	64-137		0.337	30	
1,2,3-Trichlorobenzene	50		"	50.0		99.5	81-140		0.827	30	
1,2,3-Trichloropropane	48		"	50.0		96.0	81-126		4.99	30	
1,2,4-Trichlorobenzene	49		"	50.0		97.1	80-141		2.84	30	
1,2,4-Trimethylbenzene	47		"	50.0		93.8	84-125		1.37	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		98.1	74-142		7.11	30	
1,2-Dibromoethane	48		"	50.0		96.4	86-123		2.99	30	
1,2-Dichlorobenzene	50		"	50.0		99.7	85-122		4.35	30	
1,2-Dichloroethane	48		"	50.0		95.7	71-133		1.10	30	
1,2-Dichloropropane	45		"	50.0		90.8	81-122		2.59	30	
1,3,5-Trimethylbenzene	47		"	50.0		93.9	82-126		2.94	30	
1,3-Dichlorobenzene	48		"	50.0		96.2	84-124		1.13	30	
1,4-Dichlorobenzene	48		"	50.0		96.6	84-124		1.19	30	
1,4-Dioxane	1100		"	1050		108	10-228		2.77	30	
2-Butanone	45		"	50.0		90.4	58-147		1.06	30	
2-Hexanone	40		"	50.0		80.6	70-139		1.68	30	
4-Methyl-2-pentanone	41		"	50.0		82.6	72-132		2.01	30	
Acetone	39		"	50.0		78.6	36-155		1.54	30	
Acrolein	85		"	50.0		171	10-238		0.444	30	
Acrylonitrile	49		"	50.0		97.2	66-141		2.30	30	
Benzene	49		"	50.0		97.6	77-127		1.51	30	
Bromochloromethane	48		"	50.0		96.4	74-129		0.187	30	
Bromodichloromethane	44		"	50.0		88.0	81-124		1.28	30	
Bromoform	45		"	50.0		90.9	80-136		2.50	30	
Bromomethane	51		"	50.0		103	32-177		2.03	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81117 - EPA 5035A											
LCS Dup (BB81117-BSD1)								Prepared & Analyzed: 02/26/2018			
Carbon disulfide	52		ug/L	50.0		103	10-136		1.19	30	
Carbon tetrachloride	47		"	50.0		94.7	66-143		0.148	30	
Chlorobenzene	48		"	50.0		96.5	86-120		2.12	30	
Chloroethane	57		"	50.0		114	51-142		0.971	30	
Chloroform	48		"	50.0		96.5	76-131		0.990	30	
Chloromethane	56		"	50.0		112	49-132		1.17	30	
cis-1,2-Dichloroethylene	51		"	50.0		101	74-132		1.39	30	
cis-1,3-Dichloropropylene	45		"	50.0		90.6	81-129		3.37	30	
Cyclohexane	46		"	50.0		91.7	70-130		0.0436	30	
Dibromochloromethane	47		"	50.0		94.6	10-200		2.81	30	
Dibromomethane	47		"	50.0		94.3	83-124		3.30	30	
Dichlorodifluoromethane	64		"	50.0		129	28-158		2.61	30	
Ethyl Benzene	47		"	50.0		94.1	84-125		2.37	30	
Hexachlorobutadiene	48		"	50.0		96.0	83-133		1.66	30	
Isopropylbenzene	46		"	50.0		92.5	81-127		1.00	30	
Methyl acetate	37		"	50.0		74.8	41-143		6.11	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.8	74-131		0.123	30	
Methylcyclohexane	44		"	50.0		88.5	70-130		1.43	30	
Methylene chloride	51		"	50.0		101	57-141		3.21	30	
n-Butylbenzene	47		"	50.0		94.5	80-130		0.957	30	
n-Propylbenzene	46		"	50.0		91.7	74-136		1.29	30	
o-Xylene	47		"	50.0		93.4	83-123		1.03	30	
p- & m- Xylenes	94		"	100		93.9	82-128		4.08	30	
p-Isopropyltoluene	48		"	50.0		96.8	85-125		2.17	30	
sec-Butylbenzene	50		"	50.0		99.4	83-125		2.36	30	
Styrene	47		"	50.0		93.6	86-126		1.70	30	
tert-Butyl alcohol (TBA)	230		"	250		91.3	70-130		2.09	30	
tert-Butylbenzene	48		"	50.0		95.9	80-127		3.28	30	
Tetrachloroethylene	46		"	50.0		91.8	80-129		1.10	30	
Toluene	47		"	50.0		93.7	85-121		2.48	30	
trans-1,2-Dichloroethylene	47		"	50.0		93.2	72-132		0.603	30	
trans-1,3-Dichloropropylene	43		"	50.0		87.0	78-132		0.184	30	
Trichloroethylene	46		"	50.0		93.0	84-123		2.22	30	
Trichlorofluoromethane	56		"	50.0		112	62-140		1.62	30	
Vinyl Chloride	56		"	50.0		112	52-130		0.715	30	
Surrogate: 1,2-Dichloroethane-d4	*48.5*		*"*	*50.0*		*97.0*	*77-125*				
Surrogate: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BB81109 - EPA 3550C

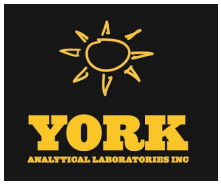
Blank (BB81109-BLK1) Prepared & Analyzed: 02/26/2018

1,1-Biphenyl	ND	0.0417	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"
1,2,4-Trichlorobenzene	ND	0.0417	"
1,2-Dichlorobenzene	ND	0.0417	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"
1,3-Dichlorobenzene	ND	0.0417	"
1,4-Dichlorobenzene	ND	0.0417	"
2,3,4,6-Tetrachlorophenol	ND	0.0833	"
2,4,5-Trichlorophenol	ND	0.0417	"
2,4,6-Trichlorophenol	ND	0.0417	"
2,4-Dichlorophenol	ND	0.0417	"
2,4-Dimethylphenol	ND	0.0417	"
2,4-Dinitrophenol	ND	0.0833	"
2,4-Dinitrotoluene	ND	0.0417	"
2,6-Dinitrotoluene	ND	0.0417	"
2-Chloronaphthalene	ND	0.0417	"
2-Chlorophenol	ND	0.0417	"
2-Methylnaphthalene	ND	0.0417	"
2-Methylphenol	ND	0.0417	"
2-Nitroaniline	ND	0.0833	"
2-Nitrophenol	ND	0.0417	"
3- & 4-Methylphenols	ND	0.0417	"
3,3-Dichlorobenzidine	ND	0.0417	"
3-Nitroaniline	ND	0.0833	"
4,6-Dinitro-2-methylphenol	ND	0.0833	"
4-Bromophenyl phenyl ether	ND	0.0417	"
4-Chloro-3-methylphenol	ND	0.0417	"
4-Chloroaniline	ND	0.0417	"
4-Chlorophenyl phenyl ether	ND	0.0417	"
4-Nitroaniline	ND	0.0833	"
4-Nitrophenol	ND	0.0833	"
Acenaphthene	ND	0.0417	"
Acenaphthylene	ND	0.0417	"
Acetophenone	ND	0.0417	"
Aniline	ND	0.167	"
Anthracene	ND	0.0417	"
Atrazine	ND	0.0417	"
Benzaldehyde	ND	0.0417	"
Benzidine	ND	0.167	"
Benzo(a)anthracene	ND	0.0417	"
Benzo(a)pyrene	ND	0.0417	"
Benzo(b)fluoranthene	ND	0.0417	"
Benzo(g,h,i)perylene	ND	0.0417	"
Benzo(k)fluoranthene	ND	0.0417	"
Benzoic acid	ND	0.0417	"
Benzyl alcohol	ND	0.0417	"
Benzyl butyl phthalate	ND	0.0417	"
Bis(2-chloroethoxy)methane	ND	0.0417	"
Bis(2-chloroethyl)ether	ND	0.0417	"
Bis(2-chloroisopropyl)ether	ND	0.0417	"
Bis(2-ethylhexyl)phthalate	ND	0.0417	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81109 - EPA 3550C											
Blank (BB81109-BLK1)											Prepared & Analyzed: 02/26/2018
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.12*		*"*	*2.58*		*82.0*	*20-108*				
Surrogate: Phenol-d5	*1.87*		*"*	*2.46*		*76.0*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.33*		*"*	*1.72*		*77.5*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.26*		*"*	*1.67*		*75.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.43*		*"*	*2.57*		*94.5*	*19-110*				
Surrogate: Terphenyl-d14	*1.26*		*"*	*1.70*		*73.9*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81109 - EPA 3550C											
LCS (BB81109-BS1)								Prepared & Analyzed: 02/26/2018			
1,1-Biphenyl	0.632	0.0417	mg/kg wet	0.833		75.8	22-103				
1,2,4,5-Tetrachlorobenzene	0.630	0.0833	"	0.833		75.6	10-144				
1,2,4-Trichlorobenzene	0.455	0.0417	"	0.833		54.6	23-130				
1,2-Dichlorobenzene	0.450	0.0417	"	0.833		54.0	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	0.581	0.0417	"	0.833		69.7	10-140				
1,3-Dichlorobenzene	0.471	0.0417	"	0.833		56.6	32-113				
1,4-Dichlorobenzene	0.479	0.0417	"	0.833		57.5	28-111				
2,3,4,6-Tetrachlorophenol	1.29	0.0833	"	0.833		154	30-130	High Bias			
2,4,5-Trichlorophenol	0.712	0.0417	"	0.833		85.4	14-138				
2,4,6-Trichlorophenol	0.709	0.0417	"	0.833		85.0	27-122				
2,4-Dichlorophenol	0.602	0.0417	"	0.833		72.2	23-133				
2,4-Dimethylphenol	0.586	0.0417	"	0.833		70.4	15-131				
2,4-Dinitrophenol	0.274	0.0833	"	0.833		32.9	10-149				
2,4-Dinitrotoluene	0.801	0.0417	"	0.833		96.1	30-123				
2,6-Dinitrotoluene	0.727	0.0417	"	0.833		87.2	30-125				
2-Chloronaphthalene	0.517	0.0417	"	0.833		62.0	22-115				
2-Chlorophenol	0.600	0.0417	"	0.833		72.0	25-121				
2-Methylnaphthalene	0.599	0.0417	"	0.833		71.9	16-127				
2-Methylphenol	0.569	0.0417	"	0.833		68.3	10-146				
2-Nitroaniline	0.818	0.0833	"	0.833		98.2	24-126				
2-Nitrophenol	0.739	0.0417	"	0.833		88.7	17-129				
3- & 4-Methylphenols	0.518	0.0417	"	0.833		62.1	20-109				
3,3-Dichlorobenzidine	0.656	0.0417	"	0.833		78.7	10-147				
3-Nitroaniline	0.697	0.0833	"	0.833		83.6	23-123				
4,6-Dinitro-2-methylphenol	0.588	0.0833	"	0.833		70.5	10-149				
4-Bromophenyl phenyl ether	0.621	0.0417	"	0.833		74.6	30-138				
4-Chloro-3-methylphenol	0.568	0.0417	"	0.833		68.1	16-138				
4-Chloroaniline	0.439	0.0417	"	0.833		52.6	10-117				
4-Chlorophenyl phenyl ether	0.567	0.0417	"	0.833		68.0	18-132				
4-Nitroaniline	0.812	0.0833	"	0.833		97.4	14-125				
4-Nitrophenol	0.686	0.0833	"	0.833		82.3	10-136				
Acenaphthene	0.649	0.0417	"	0.833		77.9	17-124				
Acenaphthylene	0.603	0.0417	"	0.833		72.4	16-124				
Acetophenone	0.547	0.0417	"	0.833		65.6	28-105				
Aniline	0.460	0.167	"	0.833		55.2	10-111				
Anthracene	0.663	0.0417	"	0.833		79.6	24-124				
Atrazine	0.621	0.0417	"	0.833		74.6	22-120				
Benzaldehyde	0.587	0.0417	"	0.833		70.4	21-100				
Benzo(a)anthracene	0.689	0.0417	"	0.833		82.7	25-134				
Benzo(a)pyrene	0.654	0.0417	"	0.833		78.5	29-144				
Benzo(b)fluoranthene	0.658	0.0417	"	0.833		79.0	20-151				
Benzo(g,h,i)perylene	0.735	0.0417	"	0.833		88.2	10-153				
Benzo(k)fluoranthene	0.595	0.0417	"	0.833		71.4	10-148				
Benzoic acid	0.546	0.0417	"	0.967		56.4	10-116				
Benzyl alcohol	0.526	0.0417	"	0.833		63.2	17-128				
Benzyl butyl phthalate	0.707	0.0417	"	0.833		84.8	10-132				
Bis(2-chloroethoxy)methane	0.545	0.0417	"	0.833		65.4	10-129				
Bis(2-chloroethyl)ether	0.592	0.0417	"	0.833		71.1	14-125				
Bis(2-chloroisopropyl)ether	0.564	0.0417	"	0.833		67.7	14-122				
Bis(2-ethylhexyl)phthalate	0.686	0.0417	"	0.833		82.3	10-141				
Caprolactam	0.489	0.0833	"	0.833		58.7	10-123				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81109 - EPA 3550C											
LCS (BB81109-BS1)							Prepared & Analyzed: 02/26/2018				
Carbazole	0.533	0.0417	mg/kg wet	0.833		64.0	31-120				
Chrysene	0.682	0.0417	"	0.833		81.9	24-116				
Dibenzo(a,h)anthracene	0.889	0.0417	"	0.833		107	17-147				
Dibenzofuran	0.619	0.0417	"	0.833		74.3	23-123				
Diethyl phthalate	0.586	0.0417	"	0.833		70.4	23-122				
Dimethyl phthalate	0.605	0.0417	"	0.833		72.6	28-127				
Di-n-butyl phthalate	0.543	0.0417	"	0.833		65.1	19-123				
Di-n-octyl phthalate	0.698	0.0417	"	0.833		83.8	10-132				
Fluoranthene	0.568	0.0417	"	0.833		68.1	36-125				
Fluorene	0.620	0.0417	"	0.833		74.4	16-130				
Hexachlorobenzene	0.422	0.0417	"	0.833		50.7	10-129				
Hexachlorobutadiene	0.441	0.0417	"	0.833		52.9	22-153				
Hexachlorocyclopentadiene	0.239	0.0417	"	0.833		28.7	10-134				
Hexachloroethane	0.429	0.0417	"	0.833		51.5	20-112				
Indeno(1,2,3-cd)pyrene	0.793	0.0417	"	0.833		95.1	10-155				
Isophorone	0.500	0.0417	"	0.833		60.0	14-131				
Naphthalene	0.575	0.0417	"	0.833		69.0	20-121				
Nitrobenzene	0.511	0.0417	"	0.833		61.4	20-121				
N-Nitrosodimethylamine	0.432	0.0417	"	0.833		51.8	10-124				
N-nitroso-di-n-propylamine	0.509	0.0417	"	0.833		61.0	21-119				
N-Nitrosodiphenylamine	0.727	0.0417	"	0.833		87.2	10-163				
Pentachlorophenol	0.584	0.0417	"	0.833		70.1	10-143				
Phenanthrene	0.680	0.0417	"	0.833		81.6	24-123				
Phenol	0.639	0.0417	"	0.833		76.7	15-123				
Pyrene	0.627	0.0417	"	0.833		75.3	24-132				
Pyridine	0.434	0.167	"	0.833		52.1	10-92				
Surrogate: 2-Fluorophenol	*1.62*		"	*2.58*		*63.0*	*20-108*				
Surrogate: Phenol-d5	*1.54*		"	*2.46*		*62.4*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.19*		"	*1.72*		*69.4*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.21*		"	*1.67*		*72.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.21*		"	*2.57*		*85.9*	*19-110*				
Surrogate: Terphenyl-d14	*0.906*		"	*1.70*		*53.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81109 - EPA 3550C											
Blank (BB81109-BLK1)										Prepared & Analyzed: 02/26/2018	
Tentatively Identified Compounds	0.00		mg/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81110 - EPA 3550C											
Blank (BB81110-BLK1)											Prepared & Analyzed: 02/26/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.000660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Chlordane, total (alpha, gamma)	ND	0.000330	"								
Surrogate: Tetrachloro-m-xylene	*0.0538*		"	*0.0673*		*79.8*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0553*		"	*0.0697*		*79.4*	*30-140*				
LCS (BB81110-BS1)											Prepared & Analyzed: 02/26/2018
4,4'-DDD	0.0250	0.000330	mg/kg wet	0.0333		74.9	40-140				
4,4'-DDE	0.0243	0.000330	"	0.0333		73.0	40-140				
4,4'-DDT	0.0219	0.000330	"	0.0333		65.7	40-140				
Aldrin	0.0274	0.000330	"	0.0333		82.3	40-140				
alpha-BHC	0.0283	0.000330	"	0.0333		84.9	40-140				
alpha-Chlordane	0.0253	0.000330	"	0.0333		76.0	40-140				
beta-BHC	0.0266	0.000330	"	0.0333		79.8	40-140				
delta-BHC	0.0286	0.000330	"	0.0333		85.8	40-140				
Dieldrin	0.0263	0.000330	"	0.0333		79.0	40-140				
Endosulfan I	0.0286	0.000330	"	0.0333		85.7	40-140				
Endosulfan II	0.0258	0.000330	"	0.0333		77.5	40-140				
Endosulfan sulfate	0.0253	0.000330	"	0.0333		75.9	40-140				
Endrin	0.0242	0.000330	"	0.0333		72.6	40-140				
Endrin aldehyde	0.0244	0.000330	"	0.0333		73.2	40-140				
Endrin ketone	0.0258	0.000330	"	0.0333		77.4	40-140				
gamma-BHC (Lindane)	0.0270	0.000330	"	0.0333		81.0	40-140				
gamma-Chlordane	0.0253	0.000330	"	0.0333		75.8	40-140				
Heptachlor	0.0221	0.000330	"	0.0333		66.4	40-140				
Heptachlor epoxide	0.0246	0.000330	"	0.0333		73.9	40-140				
Methoxychlor	0.0190	0.00165	"	0.0333		57.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0522*		"	*0.0673*		*77.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0470*		"	*0.0697*		*67.5*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8B2701 - BB81018											
Performance Mix (Y8B2701-PEM1)								Prepared & Analyzed: 02/26/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.639		"	0.00			0-200				
4,4'-DDT	107		"	200		53.6	0-200				
Endrin	92.3		"	100		92.3	0-200				
Endrin aldehyde	1.63		"	0.00			0-200				
Endrin ketone	6.29		"	0.00			0-200				
Performance Mix (Y8B2701-PEM2)								Prepared & Analyzed: 02/26/2018			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.832		"	0.00			0-200				
4,4'-DDT	148		"	200		73.9	0-200				
Endrin	113		"	100		113	0-200				
Endrin aldehyde	1.41		"	0.00			0-200				
Endrin ketone	7.62		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81110 - EPA 3550C											
Blank (BB81110-BLK2)											Prepared & Analyzed: 02/26/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0540*		*"*	*0.0673*		*80.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0477*		*"*	*0.0697*		*68.4*	*30-140*				
LCS (BB81110-BS2)											Prepared & Analyzed: 02/26/2018
Aroclor 1016	0.330	0.0167	mg/kg wet	0.333		99.0	40-130				
Aroclor 1260	0.328	0.0167	"	0.333		98.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0543*		*"*	*0.0673*		*80.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0497*		*"*	*0.0697*		*71.3*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81106 - EPA 3550B/8151A											
Blank (BB81106-BLK1)											Prepared & Analyzed: 02/26/2018
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.766*		*"*	*0.500*		*153*	*30-150*				
LCS (BB81106-BS1)											Prepared & Analyzed: 02/26/2018
2,4,5-T	0.181	0.0200	mg/kg wet	0.160		113	40-140				
2,4,5-TP (Silvex)	0.174	0.0200	"	0.160		109	40-140				
2,4-D	0.180	0.0200	"	0.160		112	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.580*		*"*	*0.500*		*116*	*30-150*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81107 - EPA 3550C											
Blank (BB81107-BLK1)								Prepared & Analyzed: 02/26/2018			
Total Petroleum Hydrocarbons-DRO	ND	10.0	mg/kg wet								
Surrogate: Triacontane	*9.83*		*"*	*10.0*		*98.3*	*30-150*				
LCS (BB81107-BS1)								Prepared & Analyzed: 02/26/2018			
Total Petroleum Hydrocarbons-DRO	151	10.0	mg/kg wet	172		87.6	40-140				
Surrogate: Triacontane	*9.57*		*"*	*10.0*		*95.7*	*30-150*				
Matrix Spike (BB81107-MS1)	*Source sample: 18B0948-02 (COMP02_022318)							Prepared & Analyzed: 02/26/2018			
Total Petroleum Hydrocarbons-DRO	182	11.8	mg/kg dry	203	9.15	85.1	30-150				
Surrogate: Triacontane	*12.5*		*"*	*11.8*		*106*	*30-150*				
Matrix Spike Dup (BB81107-MSD1)	*Source sample: 18B0948-02 (COMP02_022318)							Prepared & Analyzed: 02/26/2018			
Total Petroleum Hydrocarbons-DRO	190	11.7	mg/kg dry	201	9.15	89.9	30-150		4.27	30	
Surrogate: Triacontane	*12.4*		*"*	*11.7*		*106*	*30-150*				
Batch BB81108 - EPA 3545A											
Blank (BB81108-BLK1)								Prepared & Analyzed: 02/26/2018			
Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*7.02*		*"*	*10.0*		*70.2*	*40-140*				
Surrogate: o-Terphenyl	*7.39*		*"*	*10.0*		*73.9*	*40-140*				
LCS (BB81108-BS1)								Prepared & Analyzed: 02/26/2018			
Total EPH	252	50.0	mg/kg wet	360		70.0	40-140				
Surrogate: 1-Chlorooctadecane	*10.9*		*"*	*10.0*		*109*	*40-140*				
Surrogate: o-Terphenyl	*9.13*		*"*	*10.0*		*91.3*	*40-140*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81108 - EPA 3545A											
LCS Dup (BB81108-BSD1)								Prepared & Analyzed: 02/26/2018			
Total EPH	253	50.0	mg/kg wet	360		70.2	40-140		0.210	30	
Surrogate: 1-Chlorooctadecane	*10.9*		*"*	*10.0*		*109*	*40-140*				
Surrogate: o-Terphenyl	*9.12*		*"*	*10.0*		*91.2*	*40-140*				
Duplicate (BB81108-DUP1)	*Source sample: 18B0948-05 (GRAB02_022318)							Prepared: 02/26/2018 Analyzed: 02/27/2018			
Total EPH	ND	59.3	mg/kg dry		ND					200	
Surrogate: 1-Chlorooctadecane	*10.8*		*"*	*11.9*		*91.0*	*40-140*				
Surrogate: o-Terphenyl	*11.4*		*"*	*11.9*		*96.4*	*40-140*				
Matrix Spike (BB81108-MS1)	*Source sample: 18B0948-05 (GRAB02_022318)							Prepared: 02/26/2018 Analyzed: 02/27/2018			
Total EPH	250	58.7	mg/kg dry	423	ND	59.0	40-140				
Surrogate: 1-Chlorooctadecane	*10.4*		*"*	*11.7*		*88.4*	*40-140*				
Surrogate: o-Terphenyl	*9.90*		*"*	*11.7*		*84.3*	*40-140*				
Batch BB81113 - EPA 5035A											
Blank (BB81113-BLK1)								Prepared & Analyzed: 02/26/2018			
Total Petroleum Hydrocarbons-GRO	ND	80.0	mg/kg wet								
Surrogate: p-Bromofluorobenzene	*210*		*ug/L*	*200*		*105*	*70-130*				
Reference (BB81113-SRM1)								Prepared & Analyzed: 02/26/2018			
Total Petroleum Hydrocarbons-GRO	98.6	20.0	mg/kg wet	353		27.9	10-221				
Surrogate: p-Bromofluorobenzene	*221*		*ug/L*	*200*		*110*	*70-130*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81122 - EPA 3050B											
Blank (BB81122-BLK1)											Prepared & Analyzed: 02/26/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	3.50	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BB81122-SRM1)											Prepared & Analyzed: 02/26/2018
Aluminum	6230	5.00	mg/kg wet	8040		77.4	39.4-160.5				
Antimony	85.0	0.500	"	91.4		93.0	25.1-275.7				
Arsenic	130	1.00	"	146		88.8	69.9-132.9				
Barium	85.6	1.00	"	102		83.9	71.5-136.3				
Beryllium	123	0.100	"	134		91.9	75.4-138.1				
Cadmium	55.0	0.300	"	63.2		87.0	73.3-141.5				
Calcium	5240	5.00	"	5930		88.4	73.7-136.1				
Chromium	73.3	0.500	"	89.3		82.1	69.1-143.3				
Cobalt	107	0.500	"	119		90.2	74.6-142				
Copper	58.0	3.50	"	60.8		95.4	72.7-141.6				
Iron	11100	2.00	"	14400		77.0	35.6-163.9				
Lead	84.7	0.500	"	98.5		86.0	70.8-137.1				
Magnesium	2170	5.00	"	2580		84.0	63.6-136.1				
Manganese	328	0.500	"	370		88.7	75.7-134.3				
Nickel	63.2	0.500	"	66.6		94.9	70.7-146.3				
Potassium	1690	5.00	"	2340		72.1	59.8-140.2				
Selenium	114	1.00	"	136		84.1	67.1-136.8				
Silver	39.4	0.500	"	48.9		80.6	66.5-139.5				
Sodium	280	10.0	"	318		88.0	40.6-159.8				
Thallium	117	1.00	"	138		84.8	68-136.2				
Vanadium	56.7	1.00	"	69.7		81.3	58.9-141.8				
Zinc	154	1.50	"	177		86.9	69.5-131.1				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81197 - EPA 3015A/1311											
Blank (BB81197-BLK1)										Prepared & Analyzed: 02/27/2018	
Arsenic	ND	0.004	mg/L								
Barium	ND	0.011	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.006	"								
Lead	ND	0.006	"								
Selenium	ND	0.011	"								
Silver	ND	0.006	"								
Leach Fluid Blank (BB81197-LBK1)										Prepared & Analyzed: 02/27/2018	
Arsenic	ND	0.100	mg/L								
Barium	ND	0.250	"								
Cadmium	ND	0.075	"								
Chromium	ND	0.125	"								
Lead	ND	0.125	"								
Selenium	ND	0.250	"								
Silver	ND	0.125	"								
Reference (BB81197-SRM1)										Prepared & Analyzed: 02/27/2018	
Arsenic	0.758		ug/mL	0.740		102	84.3-114.3				
Barium	0.462		"	0.500		92.4	85-115				
Cadmium	0.246		"	0.240		103	84.9-115				
Chromium	0.929		"	0.860		108	85-115				
Lead	0.655		"	0.640		102	85-115				
Selenium	0.726		"	0.680		107	85.1-115.1				
Silver	0.558		"	0.600		93.0	85-115				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81124 - EPA 7473 soil											
Blank (BB81124-BLK1)								Prepared & Analyzed: 02/26/2018			
Mercury	ND	0.0300	mg/kg wet								
Reference (BB81124-SRM1)								Prepared & Analyzed: 02/26/2018			
Mercury	12.556		mg/kg	13.8		91.0	57.1-143.5				
Batch BB81202 - EPA 7473 water											
Blank (BB81202-BLK1)								Prepared & Analyzed: 02/27/2018			
Mercury	ND	0.00020000	mg/L								
Duplicate (BB81202-DUP1)	*Source sample: 18B0948-01 (COMP01_022318)							Prepared & Analyzed: 02/27/2018			
Mercury	0.00016980	0.00020000	mg/L		0.00017620				3.70	20	
Leach Fluid Blank (BB81202-LBK1)								Prepared & Analyzed: 02/27/2018			
Mercury	0.00019420	0.00020000	mg/L								
Matrix Spike (BB81202-MS1)	*Source sample: 18B0948-01 (COMP01_022318)							Prepared & Analyzed: 02/27/2018			
Mercury	0.0017242		mg/L	0.00200	0.00017620	77.4	75-125				
Reference (BB81202-SRM1)								Prepared & Analyzed: 02/27/2018			
Mercury	0.0055383		mg/L	0.00740		74.8	70-130				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81129 - % Solids Prep											
Duplicate (BB81129-DUP1)	*Source sample: 18B0948-06 (GRAB03_022318)								Prepared & Analyzed: 02/26/2018		
% Solids	84.2	0.100	%		82.9				1.58	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81121 - Analysis Preparation Soil											
Blank (BB81121-BLK1)								Prepared & Analyzed: 02/26/2018			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BB81121-SRM1)								Prepared & Analyzed: 02/26/2018			
Cyanide, total	53.0		ug/mL	62.8		84.4	6.37-86				
Batch BB81132 - EPA SW846-3060											
Blank (BB81132-BLK1)								Prepared & Analyzed: 02/26/2018			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BB81132-SRM1)								Prepared & Analyzed: 02/26/2018			
Chromium, Hexavalent	112		mg/L	207		54.2	40.5-101.9				
Batch BB81139 - Analysis Preparation											
Duplicate (BB81139-DUP1)	*Source sample: 18B0948-03 (COMP03_022318)							Prepared & Analyzed: 02/26/2018			
pH	11.8	0.500	pH units		11.8				0.508	10	
Batch BB81151 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BB81151-BLK1)								Prepared: 02/26/2018 Analyzed: 02/27/2018			
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18B0948-01	COMP01_022318	8 oz. WM Clear Glass Cool to 4° C
18B0948-02	COMP02_022318	8 oz. WM Clear Glass Cool to 4° C
18B0948-03	COMP03_022318	8 oz. WM Clear Glass Cool to 4° C
18B0948-04	GRAB01_022318	40mL Vial with Stir Bar-Cool 4° C
18B0948-05	GRAB02_022318	40mL Vial with Stir Bar-Cool 4° C
18B0948-06	GRAB03_022318	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PF-01	No Free Liquid
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IGN-01	Non-Ignit.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES INC
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B0418

YOUR Information

Company: Langan
Address: 21 Penn Plaza, NY, NY 10001
Phone No. 2124795400
Contact Person: Kim Del Col
E-Mail Address: KDelCol@Langan.com

Report To:

Company: 11
Address: 11
Phone No. 11
Attention:
E-Mail Address: 11

Invoice To:

Company: 11
Address: 11
Phone No. 11
Attention:
E-Mail Address: 11

YOUR Project ID

170001400

Purchase Order No.

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☑
- RUSH - Next Day ☑
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☐

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- **York Regulatory Comparison**
- **Excel Spreadsheet**

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Andrea Scher
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
COMPOL-022318	2/23/18 14:00	S	SVOCs, PCBs, Metals, pest/herb, TCLP metals, hex chrom, tri chrom, cyanide	
COMPO2-022318	14:10		SVOCs, PCBs, metals, pest/herb TCLP metals, hex chrom, tri chrom, cyanide	
COMPO3-022318	14:20		SVOCs, PCBs, metals, pest/herb, full TCLP, paint filter, RCRA, hex chrom, tri chrom, cyanide	
GRABO1-022318	14:05		VOCs + EPH	
GRABO2-022318	14:15		↓	
GRABO3-022318	14:25		↓	
COMPO1-HOLD-0-1	14:05		HOLD	2 oz
COMPO1-HOLD-3-4	14:06		↓	↓
COMPO1-HOLD-4-5	14:07		↓	↓
MPO2-HOLD-01	14:16	↓	↓	↓

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___
ZnAc Ascorbic Acid Other

	Date/Time		Date/Time
Samples Relinquished By	2/23/18 15:40	Samples Received By	2/23/18 1540
Samples Relinquished By		Samples Received in LAB by	2/23/18 1926

Temperature on Receipt 2.8 °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18B0941 8

YOUR Information

Company: Langan
Address: 21 Penn Plaza, NY, NJ 10001
Phone No. 212-479-5400
Contact Person: Kim DelCol
E-Mail Address: KDelCol@Langan.com

Report To:

Company: "
Address: "
Phone No. "
Attention: "
E-Mail Address: "

Invoice To:

Company: "
Address: "
Phone No. "
Attention: "
E-Mail Address: "

YOUR Project ID

170001406

Purchase Order No.

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☑
- RUSH - Next Day ☑
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☐

Report Type

- Summary Report ☐
- Summary w/ QA Summary ☐
- CT RCP Package ☐
- CTRCP DQA/DUE Pkg ☐
- NY ASP A Package ☐
- NY ASP B Package ☐
- NJDEP Red. Deliv. ☐

Electronic Data Deliverables (EDD)

- Simple Excel ☐
- NYSDEC EQuIS ☐
- EQuIS (std) ☐
- EZ-EDD (EQuIS) ☐
- NJDEP SRP HazSite EDD ☐
- GIS/KEY (std) ☐
- Other ☐

York Regulatory Comparison

Excel Spreadsheet ☐
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Andrea Sclar
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
COMP02_HOLD_3-4	14:17 2/23/18	S	HOLD	2-oz
COMP02_HOLD_4-5	14:18			
COMP03_HOLD_0-1	14:26			
COMP03_HOLD_3-4	14:27			
COMP03_HOLD_4-5	14:28			

Comments

Preservation Check those Applicable
4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	2/23/18 15:40		2/23/18 1940
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Mahler	2/23/18 1926

Temperature on Receipt 2.8 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 03/05/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0996

Report Date: 03/05/2018
Client Project ID: 170384501
York Project (SDG) No.: 18B0996

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 26, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18B0996-01	IA112_022518	Indoor Ambient Air	02/25/2018	02/26/2018
18B0996-02	IA111_022518	Indoor Ambient Air	02/25/2018	02/26/2018
18B0996-03	SVP111_022518	Soil Vapor	02/25/2018	02/26/2018
18B0996-04	AA111_022518	Outdoor Ambient Ai	02/25/2018	02/26/2018

General Notes for York Project (SDG) No.: 18B0996

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 03/05/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: IA112_022518 **York Sample ID:** 18B0996-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Indoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	**1,2,4-Trichlorobenzene**	**0.63**		ug/m³	0.40	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**5.8**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**2.2**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.49**		ug/m³	0.16	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA112_022518 **York Sample ID:** 18B0996-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Indoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**13**		ug/m³	0.44	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**1.5**		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**6.4**		ug/m³	0.25	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**1.8**		ug/m³	0.17	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.34**		ug/m³	0.084	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.67**		ug/m³	0.11	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.4**		ug/m³	0.18	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.2**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.38	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:			

Sample Information

Client Sample ID: IA112_022518 **York Sample ID:** 18B0996-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Indoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**2.7**		ug/m³	0.23	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**1.3**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.43**		ug/m³	0.37	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**3.3**		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**3.1**		ug/m³	0.19	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**3.1**		ug/m³	0.23	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**9.2**		ug/m³	0.46	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**4.5**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:			
115-07-1	*** Propylene**	**0.55**		ug/m³	0.092	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:			
100-42-5	**Styrene**	**1.3**		ug/m³	0.23	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**0.76**		ug/m³	0.090	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:			
108-88-3	**Toluene**	**14**		ug/m³	0.20	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.17**		ug/m³	0.072	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.87**		ug/m³	0.30	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA112_022518 **York Sample ID:** 18B0996-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Indoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	02/27/2018 20:39	02/27/2018 20:39	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*70-130*

Sample Information

Client Sample ID: IA111_022518 **York Sample ID:** 18B0996-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Indoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* **1,1,1,2-Tetrachloroethane**	**0.40**		ug/m³	0.37	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	**1,1,2,2-Tetrachloroethane**	**0.48**		ug/m³	0.37	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.61**		ug/m³	0.41	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**0.15**		ug/m³	0.053	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	**1,2,4-Trichlorobenzene**	**0.71**		ug/m³	0.40	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**14**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	**1,2-Dichlorobenzene**	**0.45**		ug/m³	0.32	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	**1,2-Dichloroethane**	**1.2**		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**4.0**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	**1,3-Dichlorobenzene**	**0.48**		ug/m³	0.32	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**0.61**		ug/m³	0.32	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.5**		ug/m³	0.16	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* **2-Hexanone**	**6.0**		ug/m³	0.44	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:			

Sample Information

Client Sample ID: IA111_022518 **York Sample ID:** 18B0996-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Indoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**32**		ug/m³	0.25	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**5.4**		ug/m³	0.17	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**0.22**		ug/m³	0.17	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.54**		ug/m³	0.084	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	**Chlorobenzene**	**0.39**		ug/m³	0.25	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**0.57**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.74**		ug/m³	0.11	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.13**		ug/m³	0.053	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**6.8**		ug/m³	0.18	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.3**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.38	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**9.7**		ug/m³	0.23	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: IA111_022518 **York Sample ID:** 18B0996-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Indoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	**Hexachlorobutadiene**	**0.80**		ug/m³	0.57	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**3.6**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**0.63**		ug/m³	0.37	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**14**		ug/m³	0.22	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**15**		ug/m³	0.19	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**12**		ug/m³	0.23	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**32**		ug/m³	0.46	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**12**		ug/m³	0.26	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:			
115-07-1	*** Propylene**	**0.63**		ug/m³	0.092	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:			
100-42-5	**Styrene**	**9.2**		ug/m³	0.23	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**2.1**		ug/m³	0.090	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications:			
108-88-3	**Toluene**	**57**		ug/m³	0.20	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**1.0**		ug/m³	0.072	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.30	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	02/27/2018 21:49	02/27/2018 21:49	LDS
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: IA111_022518 **York Sample ID:** 18B0996-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Indoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*		*70-130*						

Sample Information

Client Sample ID: SVP111_022518 **York Sample ID:** 18B0996-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Soil Vapor	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.83	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/m³	1.0	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.83	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.62	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/m³	1.1	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**50**	IS-LO	ug/m³	0.75	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/m³	0.92	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.62	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.70	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**16**	IS-LO	ug/m³	0.75	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/m³	0.92	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.70	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/m³	0.92	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.6**		ug/m³	0.45	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**1.4**		ug/m³	1.2	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:			

Sample Information

Client Sample ID: SVP111_022518 **York Sample ID:** 18B0996-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Soil Vapor	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.62	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**3.3**		ug/m³	0.72	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.33	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**2.0**		ug/m³	0.49	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND	IS-LO	ug/m³	0.79	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND	IS-LO	ug/m³	1.6	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.59	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**0.57**		ug/m³	0.47	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.38**		ug/m³	0.24	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND	IS-LO	ug/m³	0.70	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.40	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.74	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.31	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.69	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**1.9**		ug/m³	0.52	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.8**		ug/m³	0.75	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**15**	IS-LO	ug/m³	0.66	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP111_022518 **York Sample ID:** 18B0996-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Soil Vapor	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/m³	1.6	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND		ug/m³	0.75	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.62	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.55	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**5.1**		ug/m³	0.62	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**3.5**		ug/m³	0.54	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**28**	IS-LO	ug/m³	0.66	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**67**	IS-LO	ug/m³	1.3	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**46**	IS-LO	ug/m³	0.75	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:			
115-07-1	*** Propylene**	**0.26**		ug/m³	0.26	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:			
100-42-5	Styrene	ND	IS-LO	ug/m³	0.65	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**87**		ug/m³	0.26	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.90	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:			
108-88-3	**Toluene**	**24**		ug/m³	0.57	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.60	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.69	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.33**		ug/m³	0.20	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.4**		ug/m³	0.86	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.54	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.67	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.097	1.523	EPA TO-15	02/27/2018 22:54	02/27/2018 22:54	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SVP111_022518 **York Sample ID:** 18B0996-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Soil Vapor	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*132 %*	S-04	*70-130*						

Sample Information

Client Sample ID: AA111_022518 **York Sample ID:** 18B0996-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Outdoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.41	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.29	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.40	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.71**		ug/m³	0.26	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.41	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.37	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.26	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.35	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.25	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.32	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.38	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.66**		ug/m³	0.16	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.44	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:			

Sample Information

Client Sample ID: AA111_022518 **York Sample ID:** 18B0996-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Outdoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	0.83	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.22	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**3.2**		ug/m³	0.25	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.12	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.89**		ug/m³	0.17	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.28	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.36	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	0.55	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.21	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.17	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.30**		ug/m³	0.084	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.25	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.14	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.26	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.59**		ug/m³	0.11	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.053	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ug/m³	0.18	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.45	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**1.0**		ug/m³	0.26	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.38	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:			
100-41-4	**Ethyl Benzene**	**0.39**		ug/m³	0.23	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA111_022518 **York Sample ID:** 18B0996-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Outdoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.57	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**1.5**		ug/m³	0.26	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.22	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.19	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**0.43**		ug/m³	0.37	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.35**		ug/m³	0.22	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.51**		ug/m³	0.19	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.53**		ug/m³	0.23	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.4**		ug/m³	0.46	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**0.52**		ug/m³	0.26	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:			
115-07-1	*** Propylene**	**0.50**		ug/m³	0.092	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.23	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**0.51**		ug/m³	0.090	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.31	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:			
108-88-3	**Toluene**	**1.9**		ug/m³	0.20	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.21	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.24	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.072	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.75**		ug/m³	0.30	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.19	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.23	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.034	0.533	EPA TO-15	02/28/2018 00:04	02/28/2018 00:04	LDS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: AA111_022518 **York Sample ID:** 18B0996-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18B0996	170384501	Outdoor Ambient Air	February 25, 2018 3:00 pm	02/26/2018

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*		*70-130*						

Analytical Batch Summary

Batch ID: BB81285 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
18B0996-01	IA112_022518	02/27/18
18B0996-02	IA111_022518	02/27/18
18B0996-03	SVP111_022518	02/27/18
18B0996-04	AA111_022518	02/28/18
BB81285-BLK1	Blank	02/27/18
BB81285-BS1	LCS	02/27/18
BB81285-DUP1	Duplicate	02/28/18

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81285 - EPA TO15 PREP											
Blank (BB81285-BLK1)											Prepared & Analyzed: 02/27/2018
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81285 - EPA TO15 PREP											
Blank (BB81285-BLK1)								Prepared & Analyzed: 02/27/2018			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*8.83*		*ppbv*	*10.0*		*88.3*	*70-130*				
LCS (BB81285-BS1)								Prepared & Analyzed: 02/27/2018			
1,1,1,2-Tetrachloroethane	9.83		ppbv	10.0		98.3	70-130				
1,1,1-Trichloroethane	9.81		"	10.0		98.1	70-130				
1,1,2,2-Tetrachloroethane	9.87		"	10.0		98.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.88		"	10.0		98.8	70-130				
1,1,2-Trichloroethane	9.78		"	10.0		97.8	70-130				
1,1-Dichloroethane	9.78		"	10.0		97.8	70-130				
1,1-Dichloroethylene	9.51		"	10.0		95.1	70-130				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70-130				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	70-130				
1,2-Dibromoethane	9.91		"	10.0		99.1	70-130				
1,2-Dichlorobenzene	9.98		"	10.0		99.8	70-130				
1,2-Dichloroethane	0.200		"	10.0		2.00	70-130	Low Bias			
1,2-Dichloropropane	9.90		"	10.0		99.0	70-130				
1,2-Dichlorotetrafluoroethane	9.92		"	10.0		99.2	70-130				
1,3,5-Trimethylbenzene	9.95		"	10.0		99.5	70-130				
1,3-Butadiene	9.97		"	10.0		99.7	70-130				
1,3-Dichlorobenzene	10.3		"	10.0		103	70-130				
1,3-Dichloropropane	9.61		"	10.0		96.1	70-130				
1,4-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,4-Dioxane	14.8		"	10.0		148	70-130	High Bias			
2-Butanone	8.19		"	10.0		81.9	70-130				
2-Hexanone	11.7		"	10.0		117	70-130				
3-Chloropropene	10.6		"	10.0		106	70-130				
4-Methyl-2-pentanone	9.66		"	10.0		96.6	70-130				
Acetone	7.46		"	10.0		74.6	70-130				
Acrylonitrile	9.35		"	10.0		93.5	70-130				
Benzene	9.55		"	10.0		95.5	70-130				
Benzyl chloride	8.97		"	10.0		89.7	70-130				
Bromodichloromethane	9.69		"	10.0		96.9	70-130				
Bromoform	10.6		"	10.0		106	70-130				
Bromomethane	9.99		"	10.0		99.9	70-130				
Carbon disulfide	10.6		"	10.0		106	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81285 - EPA TO15 PREP											
LCS (BB81285-BS1)								Prepared & Analyzed: 02/27/2018			
Carbon tetrachloride	9.77		ppbv	10.0		97.7	70-130				
Chlorobenzene	9.58		"	10.0		95.8	70-130				
Chloroethane	10.4		"	10.0		104	70-130				
Chloroform	9.62		"	10.0		96.2	70-130				
Chloromethane	9.31		"	10.0		93.1	70-130				
cis-1,2-Dichloroethylene	8.21		"	10.0		82.1	70-130				
cis-1,3-Dichloropropylene	11.2		"	10.0		112	70-130				
Cyclohexane	10.5		"	10.0		105	70-130				
Dibromochloromethane	10.7		"	10.0		107	70-130				
Dichlorodifluoromethane	9.51		"	10.0		95.1	70-130				
Ethyl acetate	9.72		"	10.0		97.2	70-130				
Ethyl Benzene	9.54		"	10.0		95.4	70-130				
Hexachlorobutadiene	9.04		"	10.0		90.4	70-130				
Isopropanol	8.10		"	10.0		81.0	70-130				
Methyl Methacrylate	10.3		"	10.0		103	70-130				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130				
Methylene chloride	8.87		"	10.0		88.7	70-130				
n-Heptane	10.2		"	10.0		102	70-130				
n-Hexane	10.4		"	10.0		104	70-130				
o-Xylene	10.0		"	10.0		100	70-130				
p- & m- Xylenes	18.8		"	20.0		94.2	70-130				
p-Ethyltoluene	10.8		"	10.0		108	70-130				
Propylene	9.43		"	10.0		94.3	70-130				
Styrene	10.2		"	10.0		102	70-130				
Tetrachloroethylene	8.45		"	10.0		84.5	70-130				
Tetrahydrofuran	8.79		"	10.0		87.9	70-130				
Toluene	9.80		"	10.0		98.0	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	70-130				
Trichloroethylene	9.80		"	10.0		98.0	70-130				
Trichlorofluoromethane (Freon 11)	9.49		"	10.0		94.9	70-130				
Vinyl acetate	11.9		"	10.0		119	70-130				
Vinyl bromide	10.8		"	10.0		108	70-130				
Vinyl Chloride	10.0		"	10.0		100	70-130				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81285 - EPA TO15 PREP											
Duplicate (BB81285-DUP1)	*Source sample: 18B0996-04 (AA111_022518)								Prepared & Analyzed: 02/28/2018		
1,1,1,2-Tetrachloroethane	ND	0.37	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.29	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.37	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.41	"		ND					25	
1,1,2-Trichloroethane	ND	0.29	"		ND					25	
1,1-Dichloroethane	ND	0.22	"		ND					25	
1,1-Dichloroethylene	ND	0.053	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.40	"		ND					25	
1,2,4-Trimethylbenzene	0.66	0.26	"		0.71				7.69	25	
1,2-Dibromoethane	ND	0.41	"		ND					25	
1,2-Dichlorobenzene	ND	0.32	"		ND					25	
1,2-Dichloroethane	ND	0.22	"		ND					25	
1,2-Dichloropropane	ND	0.25	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.37	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.26	"		ND					25	
1,3-Butadiene	ND	0.35	"		ND					25	
1,3-Dichlorobenzene	ND	0.32	"		ND					25	
1,3-Dichloropropane	ND	0.25	"		ND					25	
1,4-Dichlorobenzene	ND	0.32	"		ND					25	
1,4-Dioxane	ND	0.38	"		ND					25	
2-Butanone	0.66	0.16	"		0.66				0.00	25	
2-Hexanone	ND	0.44	"		ND					25	
3-Chloropropene	ND	0.83	"		ND					25	
4-Methyl-2-pentanone	0.22	0.22	"		ND					25	
Acetone	3.2	0.25	"		3.2				1.59	25	
Acrylonitrile	ND	0.12	"		ND					25	
Benzene	0.92	0.17	"		0.89				3.77	25	
Benzyl chloride	ND	0.28	"		ND					25	
Bromodichloromethane	ND	0.36	"		ND					25	
Bromoform	ND	0.55	"		ND					25	
Bromomethane	ND	0.21	"		ND					25	
Carbon disulfide	ND	0.17	"		ND					25	
Carbon tetrachloride	0.30	0.084	"		0.30				0.00	25	
Chlorobenzene	ND	0.25	"		ND					25	
Chloroethane	ND	0.14	"		ND					25	
Chloroform	ND	0.26	"		ND					25	
Chloromethane	0.63	0.11	"		0.59				5.41	25	
cis-1,2-Dichloroethylene	ND	0.053	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Cyclohexane	ND	0.18	"		ND					25	
Dibromochloromethane	ND	0.45	"		ND					25	
Dichlorodifluoromethane	1.1	0.26	"		1.0				2.53	25	
Ethyl acetate	ND	0.38	"		ND					25	
Ethyl Benzene	0.37	0.23	"		0.39				6.06	25	
Hexachlorobutadiene	ND	0.57	"		ND					25	
Isopropanol	1.5	0.26	"		1.5				1.72	25	
Methyl Methacrylate	ND	0.22	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.19	"		ND					25	
Methylene chloride	0.41	0.37	"		0.43				4.44	25	
n-Heptane	0.35	0.22	"		0.35				0.00	25	
n-Hexane	0.51	0.19	"		0.51				0.00	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB81285 - EPA TO15 PREP											
Duplicate (BB81285-DUP1)	*Source sample: 18B0996-04 (AA111_022518)								Prepared & Analyzed: 02/28/2018		
o-Xylene	0.46	0.23	ug/m³		0.53				14.0	25	
p- & m- Xylenes	1.3	0.46	"		1.4				6.78	25	
p-Ethyltoluene	0.50	0.26	"		0.52				5.13	25	
Propylene	0.53	0.092	"		0.50				7.14	25	
Styrene	ND	0.23	"		ND					25	
Tetrachloroethylene	0.51	0.090	"		0.51				0.00	25	
Tetrahydrofuran	ND	0.31	"		ND					25	
Toluene	1.9	0.20	"		1.9				1.04	25	
trans-1,2-Dichloroethylene	ND	0.21	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.24	"		ND					25	
Trichloroethylene	ND	0.072	"		ND					25	
Trichlorofluoromethane (Freon 11)	0.75	0.30	"		0.75				0.00	25	
Vinyl acetate	ND	0.19	"		ND					25	
Vinyl bromide	ND	0.23	"		ND					25	
Vinyl Chloride	ND	0.034	"		ND					25	
Surrogate: p-Bromofluorobenzene	*11.1*		*ppbv*	*10.0*		*111*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 18B0996

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: LANGAN ENG.	Company: "	Company: "	170324501	RUSH - Same Day ☐	Summary Report ___
Address: 360 W31ST ST 8FL NEW YORK, NY 10001	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ___
Phone No. (212) 479-5400	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ___
Contact Person: KIM DELCOL	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address: KDELCOL@LANGAN.COM	E-Mail Address: SKNOPP@LANGAN.COM	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg X
				Standard(5-7 Days) X	NJDEP Reduced ___
					Electronic Deliverables:
					EDD (Specify Type) ___
					Standard Excel ___
					Regulatory Comparison Excel ___

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

Additional Notes:

Please enter the following Field Data

Detection Limits Required

≤ 1 ug/m³ ___
NYSDEC VI Limits ___
(VI =vapor instrusion)
NJDEP low level ___
Routine Survey ___
Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
IA112-022518	02/25/18	AI	-29.45	-3.70	28841	Y39	TO-15 VOCs	6 Liter canister X / Tedlar Bag ___
IA111-022518	02/25/18	AI	-29.74	-4.58	28852	Y23	TO-15 VOCs	6 Liter canister X / Tedlar Bag ___
SVP111-022518	02/25/18	AS	-29.51	-4.37	28850	Y43	TO-15 VOCs	6 Liter canister X / Tedlar Bag ___
AA111-022518	02/25/18	AO	-29.82	-3.77	17353	Y36	TO-15 VOCs	6 Liter canister X / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___

Comments

Samples Relinquished By — Date/Time: 02/26/18 1310
Samples Relinquished By — Date/Time: 2/26/18 4:32 PM

Samples Received By — Date/Time: 2/26/18 1:10PM
Samples Received in LAB by — Date/Time: 2-26-18 1634

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 03/06/2018
Client Project ID: 170384501
York Project (SDG) No.: 18C0061

Report Date: 03/06/2018
Client Project ID: 170384501
York Project (SDG) No.: 18C0061

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 01, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18C0061-07	COMP01_030118	Soil	03/01/2018	03/01/2018
18C0061-08	COMP02_030118	Soil	03/01/2018	03/01/2018

General Notes for York Project (SDG) No.: 18C0061

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 03/06/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: COMP01_030118 **York Sample ID:** 18C0061-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0061	170384501	Soil	March 1, 2018 8:40 am	03/01/2018

Metals, TCLP RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.499**		mg/L	0.010	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.014**		mg/L	0.005	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.023**		mg/L	0.005	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.017**		mg/L	0.010	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.005	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury, TCLP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311	03/06/2018 16:20	03/06/2018 16:20	AA
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Ignitability

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	EPA 1030P	03/02/2018 02:27	03/02/2018 02:37	AA
							Certifications:			

Corrosivity by SM 4500/EPA 9045D

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**9.54**		pH units	0.500	1	EPA 9045D	03/02/2018 12:34	03/02/2018 15:24	TJM
							Certifications: NELAC-NY10854,CTDOH,PADEP			

Reactivity-Cyanide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: COMP01_030118 **York Sample ID:** 18C0061-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0061	170384501	Soil	March 1, 2018 8:40 am	03/01/2018

Reactivity-Cyanide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	03/06/2018 10:55	03/06/2018 13:40	TJM
							Certifications: CTDOH,PADEP			

Reactivity-Sulfide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	03/06/2018 10:56	03/06/2018 12:49	TJM
							Certifications: CTDOH,PADEP			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	03/05/2018 18:46	03/06/2018 10:57	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Temperature

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**22.0**		°C		1	EPA 170.1	03/02/2018 12:35	03/02/2018 15:24	TJM
							Certifications:			

Sample Information

Client Sample ID: COMP02_030118 **York Sample ID:** 18C0061-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0061	170384501	Soil	March 1, 2018 12:45 pm	03/01/2018

Metals, TCLP RCRA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.479**		mg/L	0.010	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.006**		mg/L	0.005	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.019**		mg/L	0.005	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.031**		mg/L	0.010	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.005	1	EPA 6010C/1311	03/06/2018 13:11	03/06/2018 15:49	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury, TCLP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000400	2	EPA 7470/1311	03/06/2018 16:20	03/06/2018 16:20	AA
							Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Ignitability

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	EPA 1030P	03/02/2018 02:27	03/02/2018 02:37	AA
							Certifications:			

Corrosivity by SM 4500/EPA 9045D

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**9.02**		pH units	0.500	1	EPA 9045D	03/02/2018 12:34	03/02/2018 15:24	TJM
							Certifications: NELAC-NY10854,CTDOH,PADEP			

Reactivity-Cyanide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: COMP02_030118 **York Sample ID:** 18C0061-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0061	170384501	Soil	March 1, 2018 12:45 pm	03/01/2018

Reactivity-Cyanide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	03/06/2018 10:55	03/06/2018 13:40	TJM
							Certifications: CTDOH,PADEP			

Reactivity-Sulfide

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	03/06/2018 10:56	03/06/2018 12:49	TJM
							Certifications: CTDOH,PADEP			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	03/05/2018 18:46	03/06/2018 10:57	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Temperature

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Temperature**	**22.0**		°C		1	EPA 170.1	03/02/2018 12:35	03/02/2018 15:24	TJM
							Certifications:			

Analytical Batch Summary

Batch ID: BC80064 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18C0061-07	COMP01_030118	03/02/18
18C0061-08	COMP02_030118	03/02/18

Batch ID: BC80099 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18C0061-07	COMP01_030118	03/02/18
18C0061-08	COMP02_030118	03/02/18
BC80099-DUP1	Duplicate	03/02/18

Batch ID: BC80100 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18C0061-07	COMP01_030118	03/02/18
18C0061-08	COMP02_030118	03/02/18

Batch ID: BC80180 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18C0061-07	COMP01_030118	03/05/18
18C0061-08	COMP02_030118	03/05/18
BC80180-BLK1	Blank	03/05/18

Batch ID: BC80221 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18C0061-07	COMP01_030118	03/06/18
18C0061-08	COMP02_030118	03/06/18
BC80221-BLK1	Blank	03/06/18

Batch ID: BC80222 **Preparation Method:** Analysis Preparation **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18C0061-07	COMP01_030118	03/06/18
18C0061-08	COMP02_030118	03/06/18
BC80222-BLK1	Blank	03/06/18
BC80222-DUP1	Duplicate	03/06/18

Batch ID: BC80229 **Preparation Method:** EPA 3015A/1311 **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date

18C0061-07	COMP01_030118	03/06/18
18C0061-08	COMP02_030118	03/06/18
BC80229-BLK1	Blank	03/06/18
BC80229-DUP1	Duplicate	03/06/18
BC80229-MS1	Matrix Spike	03/06/18
BC80229-SRM1	Reference	03/06/18

Batch ID: BC80243 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18C0061-07	COMP01_030118	03/06/18
18C0061-08	COMP02_030118	03/06/18
BC80243-BLK1	Blank	03/06/18
BC80243-BS1	LCS	03/06/18

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80229 - EPA 3015A/1311											
Blank (BC80229-BLK1)									Prepared & Analyzed: 03/06/2018		
Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.005	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Duplicate (BC80229-DUP1)	*Source sample: 18C0061-08 (COMP02_030118)								Prepared & Analyzed: 03/06/2018		
Arsenic	ND	0.004	mg/L		ND					20	
Barium	0.480	0.010	"		0.479				0.214	20	
Cadmium	ND	0.003	"		ND					20	
Chromium	0.006	0.005	"		0.006				3.80	20	
Lead	0.017	0.005	"		0.019				8.71	20	
Selenium	0.031	0.010	"		0.031				0.540	20	
Silver	ND	0.005	"		ND					20	
Matrix Spike (BC80229-MS1)	*Source sample: 18C0061-08 (COMP02_030118)								Prepared & Analyzed: 03/06/2018		
Arsenic	0.010	0.004	mg/L	2.00	ND	0.521	75-125	Low Bias			
Barium	ND	0.010	"	2.00	0.479	NR	75-125	Low Bias			
Cadmium	ND	0.003	"	0.0500	ND		75-125	Low Bias			
Chromium	ND	0.005	"	0.200	0.006	NR	75-125	Low Bias			
Lead	ND	0.005	"	0.500	0.019	NR	75-125	Low Bias			
Selenium	ND	0.010	"	2.00	0.031	NR	75-125	Low Bias			
Silver	0.006	0.005	"	0.0500	ND	12.9	75-125	Low Bias			
Reference (BC80229-SRM1)									Prepared & Analyzed: 03/06/2018		
Arsenic	0.788		ug/mL	0.740		106	84.3-114.3				
Barium	0.537		"	0.500		107	85-115				
Cadmium	0.267		"	0.240		111	84.9-115				
Chromium	0.948		"	0.860		110	85-115				
Lead	0.690		"	0.640		108	85-115				
Selenium	0.762		"	0.680		112	85.1-115.1				
Silver	0.645		"	0.600		108	85-115				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80243 - EPA SW846-7470											
Blank (BC80243-BLK1)									Prepared & Analyzed: 03/06/2018		
Mercury	ND	0.000200	mg/L								
LCS (BC80243-BS1)									Prepared & Analyzed: 03/06/2018		
Mercury	0.00187	0.000200	mg/L	0.00200		93.5	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80099 - Analysis Preparation											
Duplicate (BC80099-DUP1)	*Source sample: 18C0061-08 (COMP02_030118)								Prepared & Analyzed: 03/02/2018		
pH	8.94	0.500	pH units		9.02				0.891	10	
Batch BC80180 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BC80180-BLK1)									Prepared: 03/05/2018 Analyzed: 03/06/2018		
TCLP Extraction	Completed	1.00	N/A								
Batch BC80221 - Analysis Preparation											
Blank (BC80221-BLK1)									Prepared & Analyzed: 03/06/2018		
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BC80222 - Analysis Preparation											
Blank (BC80222-BLK1)									Prepared & Analyzed: 03/06/2018		
Reactivity - Sulfide	ND	15.0	mg/kg								
Duplicate (BC80222-DUP1)	*Source sample: 18C0061-08 (COMP02_030118)								Prepared & Analyzed: 03/06/2018		
Reactivity - Sulfide	ND	15.0	mg/kg		ND					50	

Sample and Data Qualifiers Relating to This Work Order

IGN-01	Non-Ignit.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Client ID corrected to Grab02 for second sample on COC per client confirmation.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18C0061

YOUR Information

Company: LANGAN ENG.
Address: 360 W 31ST ST 8FL NY, NY 10001
Phone No. (212) 479-5400
Contact Person: KM DELCOL
E-Mail Address: KDELCOL@LANGAN.COM

Report To:

Company: "
Address:
Phone No.
Attention:
E-Mail Address: SKNOPP@LANGAN.COM

Invoice To:

Company: "
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

170324501

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☒
- RUSH - Four Day ☐
- Standard(5-7 Days) ☐

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS ___
- EQuIS (std) X
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet** ___

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Taylor Morgan
Name (printed)

Matrix Codes

S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GRAB01-022718	02/27/18 1355	S	TCLP Metals + RCRA char - HOLD	1x 8oz
GRAB01_022718	02/27/18 1345	S	TCLP Metals + RCRA char - HOLD	1x 8oz
GRAB03_030118	03/01/18 1030	S	TCLP Metals + RCRA char - HOLD	1x 8oz
GRAB04_030118	03/01/18 0825	S	TCLP Metals + RCRA char - HOLD	1x 8oz
GRAB05_030118	03/01/18 0830	S	TCLP Metals + RCRA char - HOLD	1x 8oz
GRAB06_030118	03/01/18 0835	S	TCLP Metals + RCRA char - HOLD	1x 8oz
COMP01-030118	03/01/18 0840	S	TCLP Metals + RCRA char	1x 8oz
COMP02-030118	03/01/18 1245	S	TCLP Metals + RCRA char	1x 8oz

Comments

* 72 HR TAT

Preservation Check those Applicable

Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By 03/01/18 1445 Date/Time

Samples Relinquished By Date/Time

Samples Received By 3/1/18 KMS Date/Time

Samples Received in LAB by TC 3/1/18 1906 Date/Time

Temperature on Receipt 3.0 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 03/23/2018
Client Project ID: 170384501
York Project (SDG) No.: 18C0685

Report Date: 03/23/2018
Client Project ID: 170384501
York Project (SDG) No.: 18C0685

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 19, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18C0685-01	SB107A_0-2	Soil	03/19/2018	03/19/2018
18C0685-02	SB107A_2-4	Soil	03/19/2018	03/19/2018
18C0685-03	SB107A_6-8	Soil	03/19/2018	03/19/2018
18C0685-04	SB107A_11-12	Soil	03/19/2018	03/19/2018
18C0685-05	SB107A_14-15	Soil	03/19/2018	03/19/2018
18C0685-06	SB107A_67-68	Soil	03/19/2018	03/19/2018
18C0685-07	Trip Blank	Water	03/19/2018	03/19/2018

General Notes for York Project (SDG) No.: 18C0685

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 03/23/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.19	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.012**	SCAL-E	mg/kg dry	0.0048	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.107**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.354**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.446**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.06**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**5.13**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**5.01**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**3.57**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.65**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**3.51**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.448**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**4.00**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.887**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.271**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**10.0**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.411**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.48**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.195**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**5.21**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**7.93**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*73.2 %*	*23-114*

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*74.2 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*76.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*43.5 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*67.2 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Anthracenedione isomer**	**720**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Benz, anthracen-one isomer**	**1870**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Benzo pyrene isomer**	**2950**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**benzo[a]carbazole isomer**	**1080**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**benzo[a]fluoren isomer**	**1010**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**dibenzophenanthrene isomer**	**720**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Dinaphtho furan isomer**	**648**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**methyl Chrysene isomer**	**1370**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**methyl fluoranthene isomer**	**2090**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**methyl Phenanthrene isomer**	**2020**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**methyl Pyrene isomer**	**1580**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**phenylnaphthalene isomer**	**720**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-1**	**1660**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-2**	**1150**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-3**	**792**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-4**	**1080**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-5**	**1150**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Unknown PAH-6**	**720**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0357	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00894	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0904	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*123 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:09	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:09	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:09	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*119 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8500**		mg/kg dry	5.42	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**9.77**		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**264**		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.225**		mg/kg dry	0.108	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.628**		mg/kg dry	0.325	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**77200**		mg/kg dry	5.42	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.45**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**36.3**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17100**		mg/kg dry	2.17	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**465**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4240**		mg/kg dry	5.42	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**319**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**19.6**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1290**		mg/kg dry	5.42	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**232**	B	mg/kg dry	10.8	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**21.1**		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**220**		mg/kg dry	1.62	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.556**		mg/kg dry	0.0325	1	EPA 7473	03/20/2018 09:27	03/20/2018 14:10	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.542	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.542	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB107A_2-4** **York Sample ID:** **18C0685-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.0967**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.330**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**1.23**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.326**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**2.45**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**6.76**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**5.78**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**4.88**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.99**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**4.19**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**1.11**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**5.27**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**1.19**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.779**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**14.4**		mg/kg dry	0.470	0.937	20	EPA 8270D	03/20/2018 14:18	03/21/2018 14:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.988**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.94**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.468**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**10.3**		mg/kg dry	0.470	0.937	20	EPA 8270D	03/20/2018 14:18	03/21/2018 14:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**10.6**		mg/kg dry	0.470	0.937	20	EPA 8270D	03/20/2018 14:18	03/21/2018 14:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*77.2 %*		*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*81.4 %*		*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*78.6 %*		*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*83.7 %*		*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*115 %*	S-08	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*79.9 %*		*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Anthracenedione isomer**	**1050**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Benzo fluorene isomer**	**1050**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Benzo pyrene isomer**	**5470**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**dibenzothiophene isomer**	**674**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**methyl Anthracene isomer**	**824**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**methyl benz[a]anthracene isomer**	**674**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**methyl Phenanthrene isomer**	**4870**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
000835-31-4	**napthacenedione isomer**	**749**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**phenylnaphthalene isomer**	**1120**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown aromatic thiophene**	**899**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-1**	**2470**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-2**	**824**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-3**	**674**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-4**	**899**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-5**	**1420**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-6**	**749**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-7**	**824**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-8**	**824**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7440**		mg/kg dry	5.64	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**10.5**		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**430**		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.203**		mg/kg dry	0.113	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.70**		mg/kg dry	0.338	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**56300**		mg/kg dry	5.64	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.55**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**38.5**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17400**		mg/kg dry	2.26	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1780**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3870**		mg/kg dry	5.64	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**364**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.4**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1180**		mg/kg dry	5.64	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**184**	B	mg/kg dry	11.3	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.5**		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**500**		mg/kg dry	1.69	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.896**		mg/kg dry	0.0338	1	EPA 7473	03/20/2018 09:27	03/20/2018 14:48	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.7**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.677**		mg/kg dry	0.564	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.2**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.564	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB107A_6-8 **York Sample ID:** 18C0685-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:30 am	03/19/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6910**		mg/kg dry	5.57	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.658**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**9.46**		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**218**		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.159**		mg/kg dry	0.111	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.695**		mg/kg dry	0.334	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**8420**		mg/kg dry	5.57	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.7**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.9**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**43.3**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18800**		mg/kg dry	2.23	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**988**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1860**		mg/kg dry	5.57	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**278**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.0**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**640**		mg/kg dry	5.57	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**153**	B	mg/kg dry	11.1	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.0**		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_6-8 **York Sample ID:** 18C0685-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:30 am	03/19/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**290**		mg/kg dry	1.67	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.912**		mg/kg dry	0.0334	1	EPA 7473	03/20/2018 09:27	03/20/2018 15:03	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.847**		mg/kg dry	0.557	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.9**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB107A_11-12** **York Sample ID:** **18C0685-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:45 am	03/19/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7840**		mg/kg dry	5.68	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.995**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**13.3**		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**361**		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.942**		mg/kg dry	0.341	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**24300**		mg/kg dry	5.68	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**26.6**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**12.0**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**44.4**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**26000**		mg/kg dry	2.27	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1800**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3700**		mg/kg dry	5.68	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**328**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**20.9**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.68	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**515**	B	mg/kg dry	11.4	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.0**		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_11-12 **York Sample ID:** 18C0685-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:45 am	03/19/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**535**		mg/kg dry	1.70	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.477**		mg/kg dry	0.0341	1	EPA 7473	03/20/2018 09:27	03/20/2018 15:15	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.0**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**1.14**		mg/kg dry	0.568	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**25.5**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.568	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB107A_14-15** **York Sample ID:** **18C0685-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:50 am	03/19/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4670**		mg/kg dry	5.21	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.85**		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**30.7**		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2610**		mg/kg dry	5.21	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.1**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.50**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.2**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**10800**		mg/kg dry	2.09	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**12.7**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3560**		mg/kg dry	5.21	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**196**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**28.0**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**862**		mg/kg dry	5.21	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**375**	B	mg/kg dry	10.4	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.7**		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_14-15 **York Sample ID:** 18C0685-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:50 am	03/19/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**23.2**		mg/kg dry	1.56	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0313	1	EPA 7473	03/20/2018 09:27	03/20/2018 15:23	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.9**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.521	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.1**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.521	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB107A_67-68** **York Sample ID:** **18C0685-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.20	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0057**	SCAL-E, J	mg/kg dry	0.0051	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*86.8 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*91.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*87.5 %*	*23-114*

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*93.9 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*94.3 %*			*21-113*						
1718-51-0	*Surrogate: Terphenyl-d14*	*86.7 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:26	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/20/2018 14:23	03/21/2018 09:57	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH	03/20/2018 14:23	03/21/2018 09:57	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00882	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0893	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:			

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.9 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.3 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0212	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:22	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:22	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:22	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*126 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5730**		mg/kg dry	5.36	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.39**		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**28.0**		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.322	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2540**		mg/kg dry	5.36	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**25.9**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.73**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.1**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**12200**		mg/kg dry	2.15	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**17.2**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4780**		mg/kg dry	5.36	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**233**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**32.6**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1760**		mg/kg dry	5.36	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**651**	B	mg/kg dry	10.7	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**20.3**		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**83.1**		mg/kg dry	1.61	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0322	1	EPA 7473	03/20/2018 09:27	03/20/2018 15:32	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.2**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.536	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**25.9**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.536	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18C0685-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Water	March 19, 2018 11:00 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 18C0685-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Water	March 19, 2018 11:00 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 18C0685-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Water	March 19, 2018 11:00 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 18C0685-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Water	March 19, 2018 11:00 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
							Certifications:			

Analytical Batch Summary

Batch ID: BC80862 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80862-BLK1	Blank	03/20/18
BC80862-BS1	LCS	03/20/18

Batch ID: BC80873 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-03	SB107A_6-8	03/20/18
18C0685-04	SB107A_11-12	03/20/18
18C0685-05	SB107A_14-15	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80873-BLK1	Blank	03/20/18
BC80873-SRM1	Reference	03/20/18

Batch ID: BC80881 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-03	SB107A_6-8	03/20/18
18C0685-04	SB107A_11-12	03/20/18
18C0685-05	SB107A_14-15	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80881-BLK1	Blank	03/20/18
BC80881-DUP1	Duplicate	03/20/18
BC80881-MS1	Matrix Spike	03/20/18
BC80881-SRM1	Reference	03/20/18

Batch ID: BC80883 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-03	SB107A_6-8	03/20/18
18C0685-04	SB107A_11-12	03/20/18
18C0685-05	SB107A_14-15	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80883-BLK1	Blank	03/20/18
BC80883-SRM1	Reference	03/20/18

Batch ID: BC80903 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80903-BLK1	Blank	03/20/18
BC80903-BS1	LCS	03/20/18

Batch ID: BC80906 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-01	SB107A_0-2	03/20/18
18C0685-01RE1	SB107A_0-2	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-02RE1	SB107A_2-4	03/20/18
18C0685-02RE2	SB107A_2-4	03/20/18
18C0685-06	SB107A_67-68	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80906-BLK1	Blank	03/20/18
BC80906-BLK1	Blank	03/20/18
BC80906-BS1	LCS	03/20/18

Batch ID: BC80934 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/21/18
18C0685-06	SB107A_67-68	03/21/18
BC80934-BLK1	Blank	03/21/18
BC80934-BS1	LCS	03/21/18
BC80934-BSD1	LCS Dup	03/21/18

Batch ID: BC80959 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/21/18
18C0685-02	SB107A_2-4	03/21/18
18C0685-03	SB107A_6-8	03/21/18
18C0685-04	SB107A_11-12	03/21/18
18C0685-05	SB107A_14-15	03/21/18
18C0685-06	SB107A_67-68	03/21/18
BC80959-BLK1	Blank	03/21/18
BC80959-SRM1	Reference	03/21/18

Batch ID: BC81013 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/22/18

18C0685-06	SB107A_67-68	03/22/18
BC81013-BLK1	Blank	03/22/18
BC81013-BS1	LCS	03/22/18

Batch ID: BC81033 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/22/18
18C0685-02	SB107A_2-4	03/22/18
18C0685-03	SB107A_6-8	03/22/18
18C0685-04	SB107A_11-12	03/22/18
18C0685-05	SB107A_14-15	03/22/18
18C0685-06	SB107A_67-68	03/22/18

Batch ID: BC81055 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-07	Trip Blank	03/23/18
BC81055-BLK1	Blank	03/23/18
BC81055-BS1	LCS	03/23/18
BC81055-BSD1	LCS Dup	03/23/18

Batch ID: BC81085 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/23/18
18C0685-02	SB107A_2-4	03/23/18
18C0685-03	SB107A_6-8	03/23/18
18C0685-04	SB107A_11-12	03/23/18
18C0685-05	SB107A_14-15	03/23/18
18C0685-06	SB107A_67-68	03/23/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
Blank (BC80934-BLK1)											Prepared & Analyzed: 03/21/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

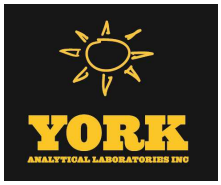
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
Blank (BC80934-BLK1)											Prepared & Analyzed: 03/21/2018
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*52.6*		*"*	*50.0*		*105*	*85-120*				
Surrogate: p-Bromofluorobenzene	*43.0*		*"*	*50.0*		*86.0*	*76-130*				
LCS (BC80934-BS1)											Prepared & Analyzed: 03/21/2018
1,1,1,2-Tetrachloroethane	49.2		ug/L	50.0		98.4	75-129				
1,1,1-Trichloroethane	48.4		"	50.0		96.8	71-137				
1,1,2,2-Tetrachloroethane	50.9		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.4		"	50.0		94.9	58-146				
1,1,2-Trichloroethane	47.8		"	50.0		95.7	83-123				
1,1-Dichloroethane	49.2		"	50.0		98.4	75-130				
1,1-Dichloroethylene	50.7		"	50.0		101	64-137				
1,2,3-Trichlorobenzene	49.1		"	50.0		98.2	81-140				
1,2,3-Trichloropropane	53.8		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	50.1		"	50.0		100	80-141				
1,2,4-Trimethylbenzene	50.3		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	41.8		"	50.0		83.6	74-142				
1,2-Dibromoethane	49.2		"	50.0		98.5	86-123				
1,2-Dichlorobenzene	49.6		"	50.0		99.3	85-122				
1,2-Dichloroethane	50.6		"	50.0		101	71-133				
1,2-Dichloropropane	49.0		"	50.0		97.9	81-122				
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126				
1,3-Dichlorobenzene	47.7		"	50.0		95.4	84-124				
1,4-Dichlorobenzene	48.1		"	50.0		96.3	84-124				
1,4-Dioxane	266		"	1050		25.4	10-228				
2-Butanone	51.2		"	50.0		102	58-147				
2-Hexanone	51.2		"	50.0		102	70-139				
4-Methyl-2-pentanone	47.0		"	50.0		94.0	72-132				
Acetone	47.8		"	50.0		95.6	36-155				
Acrolein	31.0		"	50.0		62.0	10-238				
Acrylonitrile	52.5		"	50.0		105	66-141				
Benzene	50.9		"	50.0		102	77-127				
Bromochloromethane	49.7		"	50.0		99.3	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
LCS (BC80934-BS1)								Prepared & Analyzed: 03/21/2018			
Bromodichloromethane	47.9		ug/L	50.0		95.8	81-124				
Bromoform	50.1		"	50.0		100	80-136				
Bromomethane	45.7		"	50.0		91.4	32-177				
Carbon disulfide	52.5		"	50.0		105	10-136				
Carbon tetrachloride	51.2		"	50.0		102	66-143				
Chlorobenzene	49.3		"	50.0		98.5	86-120				
Chloroethane	47.0		"	50.0		94.0	51-142				
Chloroform	50.2		"	50.0		100	76-131				
Chloromethane	48.0		"	50.0		95.9	49-132				
cis-1,2-Dichloroethylene	49.6		"	50.0		99.3	74-132				
cis-1,3-Dichloropropylene	48.3		"	50.0		96.7	81-129				
Cyclohexane	48.2		"	50.0		96.4	70-130				
Dibromochloromethane	48.9		"	50.0		97.7	10-200				
Dibromomethane	46.9		"	50.0		93.8	83-124				
Dichlorodifluoromethane	43.8		"	50.0		87.7	28-158				
Ethyl Benzene	50.5		"	50.0		101	84-125				
Hexachlorobutadiene	52.4		"	50.0		105	83-133				
Isopropylbenzene	50.8		"	50.0		102	81-127				
Methyl acetate	46.1		"	50.0		92.3	41-143				
Methyl tert-butyl ether (MTBE)	52.4		"	50.0		105	74-131				
Methylcyclohexane	48.1		"	50.0		96.2	70-130				
Methylene chloride	44.8		"	50.0		89.5	57-141				
n-Butylbenzene	50.4		"	50.0		101	80-130				
n-Propylbenzene	49.9		"	50.0		99.8	74-136				
o-Xylene	49.2		"	50.0		98.4	83-123				
p- & m- Xylenes	89.0		"	100		89.0	82-128				
p-Isopropyltoluene	50.8		"	50.0		102	85-125				
sec-Butylbenzene	51.1		"	50.0		102	83-125				
Styrene	48.6		"	50.0		97.2	86-126				
tert-Butyl alcohol (TBA)	285		"	250		114	70-130				
tert-Butylbenzene	39.5		"	50.0		78.9	80-127	Low Bias			
Tetrachloroethylene	46.5		"	50.0		93.1	80-129				
Toluene	49.4		"	50.0		98.9	85-121				
trans-1,2-Dichloroethylene	48.8		"	50.0		97.5	72-132				
trans-1,3-Dichloropropylene	49.4		"	50.0		98.8	78-132				
Trichloroethylene	50.0		"	50.0		99.9	84-123				
Trichlorofluoromethane	48.7		"	50.0		97.5	62-140				
Vinyl Chloride	47.5		"	50.0		95.1	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.6*	*77-125*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.1*		*"*	*50.0*		*102*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
LCS Dup (BC80934-BSD1)							Prepared & Analyzed: 03/21/2018				
1,1,1,2-Tetrachloroethane	49.9		ug/L	50.0		99.7	75-129		1.31	30	
1,1,1-Trichloroethane	52.0		"	50.0		104	71-137		7.14	30	
1,1,2,2-Tetrachloroethane	53.2		"	50.0		106	79-129		4.50	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0		"	50.0		99.9	58-146		5.18	30	
1,1,2-Trichloroethane	53.6		"	50.0		107	83-123		11.4	30	
1,1-Dichloroethane	52.9		"	50.0		106	75-130		7.30	30	
1,1-Dichloroethylene	52.1		"	50.0		104	64-137		2.65	30	
1,2,3-Trichlorobenzene	50.2		"	50.0		100	81-140		2.32	30	
1,2,3-Trichloropropane	55.3		"	50.0		111	81-126		2.71	30	
1,2,4-Trichlorobenzene	51.6		"	50.0		103	80-141		2.93	30	
1,2,4-Trimethylbenzene	53.2		"	50.0		106	84-125		5.68	30	
1,2-Dibromo-3-chloropropane	60.1		"	50.0		120	74-142		35.9	30	Non-dir.
1,2-Dibromoethane	52.2		"	50.0		104	86-123		5.76	30	
1,2-Dichlorobenzene	51.4		"	50.0		103	85-122		3.44	30	
1,2-Dichloroethane	52.5		"	50.0		105	71-133		3.68	30	
1,2-Dichloropropane	52.0		"	50.0		104	81-122		5.96	30	
1,3,5-Trimethylbenzene	51.0		"	50.0		102	82-126		1.84	30	
1,3-Dichlorobenzene	50.0		"	50.0		100	84-124		4.81	30	
1,4-Dichlorobenzene	49.1		"	50.0		98.3	84-124		2.08	30	
1,4-Dioxane	309		"	1050		29.4	10-228		14.8	30	
2-Butanone	57.9		"	50.0		116	58-147		12.3	30	
2-Hexanone	49.7		"	50.0		99.5	70-139		2.89	30	
4-Methyl-2-pentanone	49.6		"	50.0		99.3	72-132		5.51	30	
Acetone	38.5		"	50.0		77.0	36-155		21.5	30	
Acrolein	39.6		"	50.0		79.2	10-238		24.4	30	
Acrylonitrile	58.6		"	50.0		117	66-141		11.1	30	
Benzene	52.9		"	50.0		106	77-127		3.85	30	
Bromochloromethane	51.9		"	50.0		104	74-129		4.41	30	
Bromodichloromethane	52.0		"	50.0		104	81-124		8.19	30	
Bromoform	55.4		"	50.0		111	80-136		10.0	30	
Bromomethane	46.9		"	50.0		93.9	32-177		2.70	30	
Carbon disulfide	54.7		"	50.0		109	10-136		4.16	30	
Carbon tetrachloride	52.2		"	50.0		104	66-143		2.11	30	
Chlorobenzene	52.5		"	50.0		105	86-120		6.44	30	
Chloroethane	50.2		"	50.0		100	51-142		6.69	30	
Chloroform	51.6		"	50.0		103	76-131		2.75	30	
Chloromethane	49.8		"	50.0		99.5	49-132		3.70	30	
cis-1,2-Dichloroethylene	52.0		"	50.0		104	74-132		4.68	30	
cis-1,3-Dichloropropylene	50.6		"	50.0		101	81-129		4.59	30	
Cyclohexane	51.6		"	50.0		103	70-130		6.82	30	
Dibromochloromethane	51.6		"	50.0		103	10-200		5.36	30	
Dibromomethane	52.5		"	50.0		105	83-124		11.3	30	
Dichlorodifluoromethane	44.5		"	50.0		88.9	28-158		1.43	30	
Ethyl Benzene	52.6		"	50.0		105	84-125		4.02	30	
Hexachlorobutadiene	55.0		"	50.0		110	83-133		4.78	30	
Isopropylbenzene	52.0		"	50.0		104	81-127		2.43	30	
Methyl acetate	48.7		"	50.0		97.4	41-143		5.40	30	
Methyl tert-butyl ether (MTBE)	56.1		"	50.0		112	74-131		6.93	30	
Methylcyclohexane	52.6		"	50.0		105	70-130		8.88	30	
Methylene chloride	45.3		"	50.0		90.6	57-141		1.20	30	
n-Butylbenzene	51.7		"	50.0		103	80-130		2.49	30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
LCS Dup (BC80934-BSD1)								Prepared & Analyzed: 03/21/2018			
n-Propylbenzene	52.3		ug/L	50.0		105	74-136		4.68	30	
o-Xylene	53.2		"	50.0		106	83-123		7.85	30	
p- & m- Xylenes	94.8		"	100		94.8	82-128		6.36	30	
p-Isopropyltoluene	51.6		"	50.0		103	85-125		1.56	30	
sec-Butylbenzene	54.4		"	50.0		109	83-125		6.24	30	
Styrene	51.6		"	50.0		103	86-126		6.03	30	
tert-Butyl alcohol (TBA)	311		"	250		124	70-130		8.59	30	
tert-Butylbenzene	46.4		"	50.0		92.8	80-127		16.1	30	
Tetrachloroethylene	51.0		"	50.0		102	80-129		9.11	30	
Toluene	53.7		"	50.0		107	85-121		8.22	30	
trans-1,2-Dichloroethylene	51.2		"	50.0		102	72-132		4.84	30	
trans-1,3-Dichloropropylene	50.7		"	50.0		101	78-132		2.58	30	
Trichloroethylene	52.2		"	50.0		104	84-123		4.38	30	
Trichlorofluoromethane	51.1		"	50.0		102	62-140		4.83	30	
Vinyl Chloride	49.8		"	50.0		99.7	52-130		4.72	30	
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				
Batch BC81055 - EPA 5030B											
Blank (BC81055-BLK1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	2.00	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	200	"								
2-Butanone	ND	2.00	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81055 - EPA 5030B											
Blank (BC81055-BLK1)											
Prepared & Analyzed: 03/23/2018											
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*9.25*		*"*	*10.0*		*92.5*	*69-130*				
Surrogate: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.6*		*"*	*10.0*		*116*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81055 - EPA 5030B											
LCS (BC81055-BS1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	8.60		ug/L	10.0		86.0	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	8.87		"	10.0		88.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.14		"	10.0		91.4	54-165				
1,1,2-Trichloroethane	9.49		"	10.0		94.9	82-123				
1,1-Dichloroethane	9.57		"	10.0		95.7	82-129				
1,1-Dichloroethylene	9.29		"	10.0		92.9	68-138				
1,2,3-Trichlorobenzene	9.89		"	10.0		98.9	76-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	9.83		"	10.0		98.3	76-137				
1,2,4-Trimethylbenzene	9.27		"	10.0		92.7	82-132				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147				
1,2-Dibromoethane	9.61		"	10.0		96.1	83-124				
1,2-Dichlorobenzene	9.15		"	10.0		91.5	79-123				
1,2-Dichloroethane	9.92		"	10.0		99.2	73-132				
1,2-Dichloropropane	9.91		"	10.0		99.1	78-126				
1,3,5-Trimethylbenzene	9.58		"	10.0		95.8	80-131				
1,3-Dichlorobenzene	8.63		"	10.0		86.3	86-122				
1,4-Dichlorobenzene	9.55		"	10.0		95.5	85-124				
1,4-Dioxane	386		"	210		184	10-349				
2-Butanone	11.4		"	10.0		114	49-152				
2-Hexanone	8.32		"	10.0		83.2	51-146				
4-Methyl-2-pentanone	8.73		"	10.0		87.3	57-145				
Acetone	8.37		"	10.0		83.7	14-150				
Acrolein	6.69		"	10.0		66.9	10-153				
Acrylonitrile	9.79		"	10.0		97.9	51-150				
Benzene	9.99		"	10.0		99.9	85-126				
Bromochloromethane	8.80		"	10.0		88.0	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	9.47		"	10.0		94.7	78-133				
Bromomethane	3.98		"	10.0		39.8	43-168	Low Bias			
Carbon disulfide	10.6		"	10.0		106	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	9.13		"	10.0		91.3	88-120				
Chloroethane	8.35		"	10.0		83.5	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	6.04		"	10.0		60.4	43-155				
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	9.86		"	10.0		98.6	63-149				
Dibromochloromethane	9.51		"	10.0		95.1	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	9.60		"	10.0		96.0	44-144				
Ethyl Benzene	9.40		"	10.0		94.0	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	9.86		"	10.0		98.6	76-140				
Methyl acetate	9.09		"	10.0		90.9	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	10.8		"	10.0		108	72-143				
Methylene chloride	8.14		"	10.0		81.4	55-137				
n-Butylbenzene	9.51		"	10.0		95.1	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81055 - EPA 5030B											
LCS (BC81055-BS1)							Prepared & Analyzed: 03/23/2018				
n-Propylbenzene	9.59		ug/L	10.0		95.9	78-133				
o-Xylene	9.82		"	10.0		98.2	78-130				
p- & m- Xylenes	18.2		"	20.0		91.2	77-133				
p-Isopropyltoluene	8.89		"	10.0		88.9	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	9.22		"	10.0		92.2	67-132				
tert-Butyl alcohol (TBA)	50.6		"	50.0		101	25-162				
tert-Butylbenzene	9.50		"	10.0		95.0	77-138				
Tetrachloroethylene	9.76		"	10.0		97.6	82-131				
Toluene	9.49		"	10.0		94.9	80-127				
trans-1,2-Dichloroethylene	9.66		"	10.0		96.6	80-132				
trans-1,3-Dichloropropylene	9.67		"	10.0		96.7	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	9.75		"	10.0		97.5	67-139				
Vinyl Chloride	8.09		"	10.0		80.9	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*69-130*				
Surrogate: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				
LCS Dup (BC81055-BSD1)							Prepared & Analyzed: 03/23/2018				
1,1,1,2-Tetrachloroethane	7.88		ug/L	10.0		78.8	82-126	Low Bias	8.74	30	
1,1,1-Trichloroethane	8.82		"	10.0		88.2	78-136		14.1	30	
1,1,2,2-Tetrachloroethane	8.48		"	10.0		84.8	76-129		4.50	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.85		"	10.0		78.5	54-165		15.2	30	
1,1,2-Trichloroethane	8.78		"	10.0		87.8	82-123		7.77	30	
1,1-Dichloroethane	8.46		"	10.0		84.6	82-129		12.3	30	
1,1-Dichloroethylene	8.07		"	10.0		80.7	68-138		14.1	30	
1,2,3-Trichlorobenzene	10.0		"	10.0		100	76-136		1.41	30	
1,2,3-Trichloropropane	9.59		"	10.0		95.9	77-128		4.29	30	
1,2,4-Trichlorobenzene	9.39		"	10.0		93.9	76-137		4.58	30	
1,2,4-Trimethylbenzene	8.45		"	10.0		84.5	82-132		9.26	30	
1,2-Dibromo-3-chloropropane	9.89		"	10.0		98.9	45-147		2.10	30	
1,2-Dibromoethane	9.13		"	10.0		91.3	83-124		5.12	30	
1,2-Dichlorobenzene	8.60		"	10.0		86.0	79-123		6.20	30	
1,2-Dichloroethane	9.23		"	10.0		92.3	73-132		7.21	30	
1,2-Dichloropropane	8.90		"	10.0		89.0	78-126		10.7	30	
1,3,5-Trimethylbenzene	8.78		"	10.0		87.8	80-131		8.71	30	
1,3-Dichlorobenzene	7.93		"	10.0		79.3	86-122	Low Bias	8.45	30	
1,4-Dichlorobenzene	8.57		"	10.0		85.7	85-124		10.8	30	
1,4-Dioxane	202		"	210		96.1	10-349		62.7	30	Non-dir.
2-Butanone	10.4		"	10.0		104	49-152		9.33	30	
2-Hexanone	8.05		"	10.0		80.5	51-146		3.30	30	
4-Methyl-2-pentanone	8.05		"	10.0		80.5	57-145		8.10	30	
Acetone	8.58		"	10.0		85.8	14-150		2.48	30	
Acrolein	5.80		"	10.0		58.0	10-153		14.3	30	
Acrylonitrile	9.35		"	10.0		93.5	51-150		4.60	30	
Benzene	8.78		"	10.0		87.8	85-126		12.9	30	
Bromochloromethane	8.01		"	10.0		80.1	77-128		9.40	30	
Bromodichloromethane	9.49		"	10.0		94.9	79-128		9.15	30	
Bromoform	9.01		"	10.0		90.1	78-133		4.98	30	
Bromomethane	4.12		"	10.0		41.2	43-168	Low Bias	3.46	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81055 - EPA 5030B											
LCS Dup (BC81055-BSD1)								Prepared & Analyzed: 03/23/2018			
Carbon disulfide	9.22		ug/L	10.0		92.2	68-146		14.2	30	
Carbon tetrachloride	9.04		"	10.0		90.4	77-141		12.5	30	
Chlorobenzene	8.24		"	10.0		82.4	88-120	Low Bias	10.2	30	
Chloroethane	7.41		"	10.0		74.1	65-136		11.9	30	
Chloroform	9.07		"	10.0		90.7	82-128		11.2	30	
Chloromethane	5.46		"	10.0		54.6	43-155		10.1	30	
cis-1,2-Dichloroethylene	7.55		"	10.0		75.5	83-129	Low Bias	26.4	30	
cis-1,3-Dichloropropylene	9.13		"	10.0		91.3	80-131		9.79	30	
Cyclohexane	8.59		"	10.0		85.9	63-149		13.8	30	
Dibromochloromethane	8.87		"	10.0		88.7	80-130		6.96	30	
Dibromomethane	9.55		"	10.0		95.5	72-134		6.58	30	
Dichlorodifluoromethane	8.49		"	10.0		84.9	44-144		12.3	30	
Ethyl Benzene	8.42		"	10.0		84.2	80-131		11.0	30	
Hexachlorobutadiene	9.21		"	10.0		92.1	67-146		11.0	30	
Isopropylbenzene	9.02		"	10.0		90.2	76-140		8.90	30	
Methyl acetate	8.54		"	10.0		85.4	51-139		6.24	30	
Methyl tert-butyl ether (MTBE)	9.81		"	10.0		98.1	76-135		6.51	30	
Methylcyclohexane	9.58		"	10.0		95.8	72-143		11.7	30	
Methylene chloride	7.30		"	10.0		73.0	55-137		10.9	30	
n-Butylbenzene	8.61		"	10.0		86.1	79-132		9.93	30	
n-Propylbenzene	8.69		"	10.0		86.9	78-133		9.85	30	
o-Xylene	8.92		"	10.0		89.2	78-130		9.61	30	
p- & m- Xylenes	16.3		"	20.0		81.6	77-133		11.1	30	
p-Isopropyltoluene	8.00		"	10.0		80.0	81-136	Low Bias	10.5	30	
sec-Butylbenzene	9.29		"	10.0		92.9	79-137		10.1	30	
Styrene	8.32		"	10.0		83.2	67-132		10.3	30	
tert-Butyl alcohol (TBA)	49.2		"	50.0		98.4	25-162		2.75	30	
tert-Butylbenzene	8.66		"	10.0		86.6	77-138		9.25	30	
Tetrachloroethylene	8.85		"	10.0		88.5	82-131		9.78	30	
Toluene	8.52		"	10.0		85.2	80-127		10.8	30	
trans-1,2-Dichloroethylene	8.40		"	10.0		84.0	80-132		14.0	30	
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131		6.73	30	
Trichloroethylene	9.01		"	10.0		90.1	82-128		12.0	30	
Trichlorofluoromethane	8.45		"	10.0		84.5	67-139		14.3	30	
Vinyl Chloride	6.98		"	10.0		69.8	58-145		14.7	30	
Surrogate: 1,2-Dichloroethane-d4	*9.46*		*"*	*10.0*		*94.6*	*69-130*				
Surrogate: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
Blank (BC80906-BLK1)									Prepared: 03/20/2018 Analyzed: 03/21/2018		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
Blank (BC80906-BLK1)											
Prepared: 03/20/2018 Analyzed: 03/21/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.23*		"	*2.57*		*87.0*	*20-108*				
Surrogate: Phenol-d5	*2.07*		"	*2.52*		*82.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.49*		"	*1.67*		*89.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.50*		"	*1.63*		*92.2*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.27*		"	*2.57*		*127*	*19-110*				
Surrogate: Terphenyl-d14	*1.58*		"	*1.67*		*94.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
LCS (BC80906-BS1)								Prepared: 03/20/2018 Analyzed: 03/21/2018			
1,1-Biphenyl	0.781	0.0417	mg/kg wet	0.833		93.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.809	0.0833	"	0.833		97.1	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.635	0.0417	"	0.833		76.2	17-137				
2,3,4,6-Tetrachlorophenol	0.757	0.0833	"	0.833		90.9	30-130				
2,4,5-Trichlorophenol	0.875	0.0417	"	0.833		105	27-118				
2,4,6-Trichlorophenol	0.905	0.0417	"	0.833		109	31-120				
2,4-Dichlorophenol	0.872	0.0417	"	0.833		105	20-127				
2,4-Dimethylphenol	0.827	0.0417	"	0.833		99.2	14-132				
2,4-Dinitrophenol	0.947	0.0833	"	0.833		114	10-171				
2,4-Dinitrotoluene	1.01	0.0417	"	0.833		121	34-131				
2,6-Dinitrotoluene	0.946	0.0417	"	0.833		114	31-128				
2-Chloronaphthalene	0.763	0.0417	"	0.833		91.6	31-117				
2-Chlorophenol	0.777	0.0417	"	0.833		93.2	33-113				
2-Methylnaphthalene	0.906	0.0417	"	0.833		109	12-138				
2-Methylphenol	0.738	0.0417	"	0.833		88.5	10-136				
2-Nitroaniline	0.894	0.0833	"	0.833		107	27-132				
2-Nitrophenol	0.936	0.0417	"	0.833		112	17-129				
3- & 4-Methylphenols	0.680	0.0417	"	0.833		81.6	29-103				
3,3-Dichlorobenzidine	0.647	0.0417	"	0.833		77.6	22-149				
3-Nitroaniline	0.611	0.0833	"	0.833		73.3	20-133				
4,6-Dinitro-2-methylphenol	0.812	0.0833	"	0.833		97.4	10-143				
4-Bromophenyl phenyl ether	0.819	0.0417	"	0.833		98.3	29-120				
4-Chloro-3-methylphenol	0.907	0.0417	"	0.833		109	24-129				
4-Chloroaniline	0.364	0.0417	"	0.833		43.6	10-132				
4-Chlorophenyl phenyl ether	0.836	0.0417	"	0.833		100	27-124				
4-Nitroaniline	0.855	0.0833	"	0.833		103	16-128				
4-Nitrophenol	0.827	0.0833	"	0.833		99.2	10-141				
Acenaphthene	0.708	0.0417	"	0.833		85.0	30-121				
Acenaphthylene	0.713	0.0417	"	0.833		85.6	30-115				
Acetophenone	0.686	0.0417	"	0.833		82.3	20-112				
Aniline	0.604	0.167	"	0.833		72.4	10-119				
Anthracene	0.738	0.0417	"	0.833		88.6	34-118				
Atrazine	0.778	0.0417	"	0.833		93.3	26-112				
Benzaldehyde	0.753	0.0417	"	0.833		90.4	21-100				
Benzo(a)anthracene	0.867	0.0417	"	0.833		104	32-122				
Benzo(a)pyrene	0.888	0.0417	"	0.833		107	29-133				
Benzo(b)fluoranthene	0.765	0.0417	"	0.833		91.8	25-133				
Benzo(g,h,i)perylene	0.831	0.0417	"	0.833		99.7	10-143				
Benzo(k)fluoranthene	0.791	0.0417	"	0.833		94.9	25-128				
Benzoic acid	0.387	0.0417	"	0.967		40.1	10-140				
Benzyl alcohol	0.770	0.0417	"	0.833		92.4	30-115				
Benzyl butyl phthalate	0.906	0.0417	"	0.833		109	26-126				
Bis(2-chloroethoxy)methane	0.865	0.0417	"	0.833		104	19-132				
Bis(2-chloroethyl)ether	0.762	0.0417	"	0.833		91.4	19-125				
Bis(2-chloroisopropyl)ether	0.816	0.0417	"	0.833		97.9	20-135				
Bis(2-ethylhexyl)phthalate	0.863	0.0417	"	0.833		104	10-155				
Caprolactam	0.811	0.0833	"	0.833		97.3	10-127				
Carbazole	0.788	0.0417	"	0.833		94.5	35-123				
Chrysene	0.703	0.0417	"	0.833		84.4	32-123				
Dibenzo(a,h)anthracene	0.776	0.0417	"	0.833		93.1	10-136				
Dibenzofuran	0.848	0.0417	"	0.833		102	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
LCS (BC80906-BS1)									Prepared: 03/20/2018 Analyzed: 03/21/2018		
Diethyl phthalate	0.838	0.0417	mg/kg wet	0.833		101	34-116				
Dimethyl phthalate	0.829	0.0417	"	0.833		99.5	35-124				
Di-n-butyl phthalate	0.846	0.0417	"	0.833		102	31-116				
Di-n-octyl phthalate	0.968	0.0417	"	0.833		116	26-136				
Diphenylamine	0.851	0.0833	"	0.833		102	40-140				
Fluoranthene	0.791	0.0417	"	0.833		94.9	33-122				
Fluorene	0.750	0.0417	"	0.833		90.0	29-123				
Hexachlorobenzene	0.697	0.0417	"	0.833		83.7	21-124				
Hexachlorobutadiene	0.890	0.0417	"	0.833		107	10-149				
Hexachlorocyclopentadiene	0.834	0.0417	"	0.833		100	10-129				
Hexachloroethane	0.713	0.0417	"	0.833		85.5	28-108				
Indeno(1,2,3-cd)pyrene	0.837	0.0417	"	0.833		100	10-135				
Isophorone	0.785	0.0417	"	0.833		94.2	20-132				
Naphthalene	0.750	0.0417	"	0.833		90.0	23-124				
Nitrobenzene	0.745	0.0417	"	0.833		89.4	13-132				
N-Nitrosodimethylamine	0.703	0.0417	"	0.833		84.4	11-129				
N-nitroso-di-n-propylamine	0.649	0.0417	"	0.833		77.9	24-119				
N-Nitrosodiphenylamine	0.867	0.0417	"	0.833		104	22-152				
Pentachlorophenol	0.716	0.0417	"	0.833		85.9	10-139				
Phenanthrene	0.704	0.0417	"	0.833		84.5	33-123				
Phenol	0.735	0.0417	"	0.833		88.2	23-115				
Pyrene	0.721	0.0417	"	0.833		86.6	32-130				
Pyridine	0.740	0.167	"	0.833		88.8	10-91				
Surrogate: 2-Fluorophenol	*2.56*		"	*2.57*		*99.6*	*20-108*				
Surrogate: Phenol-d5	*2.37*		"	*2.52*		*93.8*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.65*		"	*1.67*		*98.4*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.56*		"	*1.63*		*96.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.38*		"	*2.57*		*132*	*19-110*				
Surrogate: Terphenyl-d14	*1.38*		"	*1.67*		*82.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
Blank (BC80906-BLK1)											Prepared: 03/20/2018 Analyzed: 03/21/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80903 - EPA 3550C											
Blank (BC80903-BLK1)											Prepared: 03/20/2018 Analyzed: 03/21/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0710*		*"*	*0.0697*		*102*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0640*		*"*	*0.0673*		*95.1*	*30-150*				
LCS (BC80903-BS1)											Prepared: 03/20/2018 Analyzed: 03/21/2018
4,4'-DDD	0.0261	0.000330	mg/kg wet	0.0333		78.3	40-140				
4,4'-DDE	0.0212	0.000330	"	0.0333		63.5	40-140				
4,4'-DDT	0.0243	0.000330	"	0.0333		72.9	40-140				
Aldrin	0.0270	0.000330	"	0.0333		81.0	40-140				
alpha-BHC	0.0288	0.000330	"	0.0333		86.3	40-140				
alpha-Chlordane	0.0260	0.000330	"	0.0333		77.9	40-140				
beta-BHC	0.0281	0.000330	"	0.0333		84.3	40-140				
delta-BHC	0.0297	0.000330	"	0.0333		89.1	40-140				
Dieldrin	0.0275	0.000330	"	0.0333		82.5	40-140				
Endosulfan I	0.0324	0.000330	"	0.0333		97.1	40-140				
Endosulfan II	0.0284	0.000330	"	0.0333		85.1	40-140				
Endosulfan sulfate	0.0280	0.000330	"	0.0333		84.1	40-140				
Endrin	0.0272	0.000330	"	0.0333		81.6	40-140				
Endrin aldehyde	0.0270	0.000330	"	0.0333		81.1	40-140				
Endrin ketone	0.0289	0.000330	"	0.0333		86.6	40-140				
gamma-BHC (Lindane)	0.0276	0.000330	"	0.0333		82.8	40-140				
gamma-Chlordane	0.0259	0.000330	"	0.0333		77.7	40-140				
Heptachlor	0.0237	0.000330	"	0.0333		71.1	40-140				
Heptachlor epoxide	0.0254	0.000330	"	0.0333		76.3	40-140				
Methoxychlor	0.0217	0.00165	"	0.0333		65.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0502*		*"*	*0.0697*		*72.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0470*		*"*	*0.0673*		*69.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)							Prepared & Analyzed: 11/27/2017				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8C2201 - BC80734											
Performance Mix (Y8C2201-PEM1)							Prepared & Analyzed: 03/21/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.823		"	0.00			0-200				
4,4'-DDT	222		"	200		111	0-200				
Endrin	171		"	100		171	0-200				
Endrin aldehyde	2.02		"	0.00			0-200				
Endrin ketone	6.29		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81013 - EPA 3550C											
Blank (BC81013-BLK1)											Prepared: 03/22/2018 Analyzed: 03/23/2018
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0563*		*"*	*0.0673*		*83.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0510*		*"*	*0.0697*		*73.2*	*30-140*				
LCS (BC81013-BS1)											Prepared: 03/22/2018 Analyzed: 03/23/2018
Aroclor 1016	0.326	0.0167	mg/kg wet	0.333		97.7	40-130				
Aroclor 1260	0.331	0.0167	"	0.333		99.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0477*		*"*	*0.0673*		*70.8*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0453*		*"*	*0.0697*		*65.1*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80862 - EPA 3550B/8151A											
Blank (BC80862-BLK1)								Prepared & Analyzed: 03/20/2018			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.625*		*"*	*0.500*		*125*	*30-150*				
LCS (BC80862-BS1)								Prepared & Analyzed: 03/20/2018			
2,4,5-T	0.140	0.0200	mg/kg wet	0.160		87.5	40-140				
2,4,5-TP (Silvex)	0.137	0.0200	"	0.160		85.6	40-140				
2,4-D	0.129	0.0200	"	0.160		80.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.521*		*"*	*0.500*		*104*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80883 - EPA 3050B											
Blank (BC80883-BLK1)											Prepared & Analyzed: 03/20/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	40.7	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BC80883-SRM1)											Prepared & Analyzed: 03/20/2018
Aluminum	6910	5.00	mg/kg wet	8040		85.9	39.4-160.5				
Antimony	84.4	0.500	"	91.4		92.3	25.1-275.7				
Arsenic	146	1.00	"	146		99.9	69.9-132.9				
Barium	102	1.00	"	102		100	71.5-136.3				
Beryllium	134	0.100	"	134		99.7	75.4-138.1				
Cadmium	63.1	0.300	"	63.2		99.8	73.3-141.5				
Calcium	5960	5.00	"	5930		101	73.7-136.1				
Chromium	85.9	0.500	"	89.3		96.2	69.1-143.3				
Cobalt	129	0.500	"	119		109	74.6-142				
Copper	63.1	0.500	"	60.8		104	72.7-141.6				
Iron	12500	2.00	"	14400		87.1	35.6-163.9				
Lead	95.2	0.500	"	98.5		96.6	70.8-137.1				
Magnesium	2510	5.00	"	2580		97.2	63.6-136.1				
Manganese	398	0.500	"	370		108	75.7-134.3				
Nickel	74.9	0.500	"	66.6		113	70.7-146.3				
Potassium	2400	5.00	"	2340		102	59.8-140.2				
Selenium	116	1.00	"	136		85.6	67.1-136.8				
Silver	46.0	0.500	"	48.9		94.0	66.5-139.5				
Sodium	366	10.0	"	318		115	40.6-159.8				
Thallium	136	1.00	"	138		98.8	68-136.2				
Vanadium	63.6	1.00	"	69.7		91.2	58.9-141.8				
Zinc	180	1.50	"	177		102	69.5-131.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80881 - EPA 7473 soil											
Blank (BC80881-BLK1)								Prepared & Analyzed: 03/20/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC80881-DUP1)	*Source sample: 18C0685-01 (SB107A_0-2)							Prepared & Analyzed: 03/20/2018			
Mercury	0.697	0.0325	mg/kg dry		0.556				22.6	35	
Matrix Spike (BC80881-MS1)	*Source sample: 18C0685-01 (SB107A_0-2)							Prepared & Analyzed: 03/20/2018			
Mercury	1.04		mg/kg	0.500	0.513	106	75-125				
Reference (BC80881-SRM1)								Prepared & Analyzed: 03/20/2018			
Mercury	11.063		mg/kg	13.8		80.2	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80873 - EPA SW846-3060											
Blank (BC80873-BLK1)										Prepared & Analyzed: 03/20/2018	
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BC80873-SRM1)										Prepared & Analyzed: 03/20/2018	
Chromium, Hexavalent	111		mg/L	207		53.6	40.5-101.9				
Batch BC80959 - Analysis Preparation Soil											
Blank (BC80959-BLK1)										Prepared & Analyzed: 03/21/2018	
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BC80959-SRM1)										Prepared & Analyzed: 03/21/2018	
Cyanide, total	43.8		ug/mL	62.8		69.8	6.37-86				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18C0685-01	SB107A_0-2	40mL Vial with Stir Bar-Cool 4° C
18C0685-06	SB107A_67-68	40mL Vial with Stir Bar-Cool 4° C
18C0685-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 18C0685

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan Engineering	Company: //	Company: //	170324501	RUSH - Next Day
Address: 300 W31ST ST 8FL NY, NY 10001	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone.: (212) 479-5400	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM DELCOL	Contact:	Contact:		RUSH - Four Day
E-mail: KDELCOL@LANGAN.COM	E-mail: SKNOOP@LANGAN.COM	E-mail:	YOUR PO#:	Standard (5-7 Day) ✓

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Taylor Morgan
Samples Collected by: (print your name above and sign below)

Taylor Morgan

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ¦ Other

Samples From
New York ✓
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; CT RCP; Standard Excel EDD
QA Report; CT RCP DQA/DUE; EQuIS (Standard)
NY ASP A Package; NJDEP Reduced Deliverables; NYSDEC EQuIS
NY ASP B Package; NJDEP SRP HazSite
NJDKQP; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB107A-0-2	S	03/19/18 0850	TCL+30 VOCs+SVOCs, PCBs, Pest, Herb, TAL Metals, Cr^{6+}, Cr^{3+}	2x8oz, 4x40mL
SB107A_2-4	S	03/19/18 0900	TCL+30 SVOCs, TAL Metals, Cr^{6+}, Cr^{3+}	1x8oz, 1x4oz
SB107A-6-8	S	03/19/18 0930	TAL Metals, Cr^{6+}, Cr^{3+}	1x4oz
SB107A-11-12	S	03/19/18 0945	TAL Metals, Cr^{6+}, Cr^{3+}	1x4oz
SB107A-14-15	S	03/19/18 0950	TAL Metals, Cr^{6+}, Cr^{3+}	1x4oz
SB107A-67-68	S	03/19/18 1155	TCL+30 VOCs+SVOCs, PCBs, Pest, Herb, TAL Metals, Cr^{6+}, Cr^{3+}	2x8oz, 4x40mL

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Taylor Morgan	03/19/18 1435		3/19/18 1435		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TC	3/19/18 1903 / 2.5 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 03/29/2018
Client Project ID: 170384501
York Project (SDG) No.: 18C0685

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 03/29/2018
Client Project ID: 170384501
York Project (SDG) No.: 18C0685

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 19, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18C0685-01	SB107A_0-2	Soil	03/19/2018	03/19/2018
18C0685-02	SB107A_2-4	Soil	03/19/2018	03/19/2018
18C0685-03	SB107A_6-8	Soil	03/19/2018	03/19/2018
18C0685-04	SB107A_11-12	Soil	03/19/2018	03/19/2018
18C0685-05	SB107A_14-15	Soil	03/19/2018	03/19/2018
18C0685-06	SB107A_67-68	Soil	03/19/2018	03/19/2018
18C0685-07	Trip Blank	Water	03/19/2018	03/19/2018

General Notes for York Project (SDG) No.: 18C0685

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Date: 03/29/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.19	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.012**	SCAL-E	mg/kg dry	0.0048	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0096	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	03/21/2018 07:30	03/21/2018 17:50	RDS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.107**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.354**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.446**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.06**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**5.13**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**5.01**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**3.57**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.65**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**3.51**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.448**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**4.00**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.887**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.271**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**10.0**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.411**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.48**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.195**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**5.21**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**7.93**		mg/kg dry	0.226	0.450	10	EPA 8270D	03/20/2018 14:18	03/21/2018 14:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.180	0.361	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*73.2 %*	*23-114*

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*74.2 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*76.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*43.5 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*67.2 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Anthracenedione isomer**	**720**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Benz, anthracen-one isomer**	**1870**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Benzo pyrene isomer**	**2950**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**benzo[a]carbazole isomer**	**1080**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**benzo[a]fluoren isomer**	**1010**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**dibenzophenanthrene isomer**	**720**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Dinaphtho furan isomer**	**648**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**methyl Chrysene isomer**	**1370**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**methyl fluoranthene isomer**	**2090**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**methyl Phenanthrene isomer**	**2020**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**methyl Pyrene isomer**	**1580**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**phenylnaphthalene isomer**	**720**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-1**	**1660**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-2**	**1150**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-3**	**792**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-4**	**1080**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH
NA	**Unknown PAH-5**	**1150**	N	ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:57	KH

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Unknown PAH-6**	**720**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:57	KH
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0357	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00894	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0904	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:42	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*123 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:10	LAB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:09	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:09	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:09	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*119 %*	*30-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8500**		mg/kg dry	5.42	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**9.77**		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**264**		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.225**		mg/kg dry	0.108	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.628**		mg/kg dry	0.325	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**77200**		mg/kg dry	5.42	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.45**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**36.3**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17100**		mg/kg dry	2.17	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**465**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4240**		mg/kg dry	5.42	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**319**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**19.6**		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1290**		mg/kg dry	5.42	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**232**	B	mg/kg dry	10.8	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.1**		mg/kg dry	1.08	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**220**		mg/kg dry	1.62	1	EPA 6010C	03/20/2018 09:31	03/20/2018 16:59	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.556**		mg/kg dry	0.0325	1	EPA 7473	03/20/2018 09:27	03/20/2018 14:10	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.542	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB107A_0-2 **York Sample ID:** 18C0685-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 8:50 am	03/19/2018

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**16.4**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.542	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB107A_2-4** **York Sample ID:** **18C0685-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.0967**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	**2-Methylnaphthalene**	**0.330**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**1.23**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.326**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**2.45**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**6.76**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**5.78**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**4.88**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.99**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**4.19**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**1.11**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**5.27**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**1.19**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.779**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0937	0.187	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**14.4**		mg/kg dry	0.470	0.937	20	EPA 8270D	03/20/2018 14:18	03/21/2018 14:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.988**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.94**		mg/kg dry	0.117	0.234	5	EPA 8270D	03/20/2018 14:18	03/21/2018 15:07	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**0.468**		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**10.3**		mg/kg dry	0.470	0.937	20	EPA 8270D	03/20/2018 14:18	03/21/2018 14:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0937	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**10.6**		mg/kg dry	0.470	0.937	20	EPA 8270D	03/20/2018 14:18	03/21/2018 14:36	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.188	0.375	2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*77.2 %*		*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*81.4 %*		*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*78.6 %*		*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*83.7 %*		*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*115 %*	S-08	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*79.9 %*		*24-116*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Anthracenedione isomer**	**1050**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Benzo fluorene isomer**	**1050**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Benzo pyrene isomer**	**5470**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**dibenzothiophene isomer**	**674**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**methyl Anthracene isomer**	**824**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**methyl benz[a]anthracene isomer**	**674**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**methyl Phenanthrene isomer**	**4870**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
000835-31-4	**napthacenedione isomer**	**749**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**phenylnaphthalene isomer**	**1120**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown aromatic thiophene**	**899**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-1**	**2470**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-2**	**824**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-3**	**674**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-4**	**899**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-5**	**1420**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-6**	**749**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-7**	**824**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			
NA	**Unknown PAH-8**	**824**	N	ug/kg dry			2	EPA 8270D	03/20/2018 14:18	03/21/2018 10:28	KH
								Certifications:			

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**5.56**		mg/L	0.0750	1	EPA 6010C/1311	03/29/2018 11:47	03/29/2018 12:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7440**		mg/kg dry	5.64	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**10.5**		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**430**		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.203**		mg/kg dry	0.113	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.70**		mg/kg dry	0.338	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**56300**		mg/kg dry	5.64	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.55**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**38.5**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17400**		mg/kg dry	2.26	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1780**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3870**		mg/kg dry	5.64	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**364**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.4**		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1180**		mg/kg dry	5.64	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.564	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**184**	B	mg/kg dry	11.3	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**21.5**		mg/kg dry	1.13	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**500**		mg/kg dry	1.69	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB107A_2-4 **York Sample ID:** 18C0685-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:00 am	03/19/2018

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.896**		mg/kg dry	0.0338	1	EPA 7473	03/20/2018 09:27	03/20/2018 14:48	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**88.7**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.677**		mg/kg dry	0.564	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**14.2**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.564	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	03/28/2018 10:23	03/28/2018 11:35	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB107A_6-8 **York Sample ID:** 18C0685-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:30 am	03/19/2018

Lead TCLP by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**1.47**		mg/L	0.0750	1	EPA 6010C/1311	03/29/2018 11:47	03/29/2018 13:06	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6910**		mg/kg dry	5.57	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**0.658**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**9.46**		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**218**		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.159**		mg/kg dry	0.111	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.695**		mg/kg dry	0.334	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**8420**		mg/kg dry	5.57	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**15.7**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**10.9**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**43.3**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**18800**		mg/kg dry	2.23	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**988**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1860**		mg/kg dry	5.57	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**278**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**14.0**		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**640**		mg/kg dry	5.57	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.557	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB107A_6-8 **York Sample ID:** 18C0685-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:30 am	03/19/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**153**	B	mg/kg dry	11.1	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**20.0**		mg/kg dry	1.11	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**290**		mg/kg dry	1.67	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.912**		mg/kg dry	0.0334	1	EPA 7473	03/20/2018 09:27	03/20/2018 15:03	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.847**		mg/kg dry	0.557	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.9**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB107A_6-8 **York Sample ID:** 18C0685-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:30 am	03/19/2018

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	03/28/2018 10:23	03/28/2018 11:35	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB107A_11-12 **York Sample ID:** 18C0685-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:45 am	03/19/2018

Lead TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**1.53**		mg/L	0.0750	1	EPA 6010C/1311	03/29/2018 11:47	03/29/2018 13:08	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7840**		mg/kg dry	5.68	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**0.995**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**13.3**		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**361**		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.114	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.942**		mg/kg dry	0.341	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**24300**		mg/kg dry	5.68	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**26.6**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**12.0**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**44.4**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**26000**		mg/kg dry	2.27	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**1800**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3700**		mg/kg dry	5.68	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**328**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**20.9**		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.68	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.568	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB107A_11-12 **York Sample ID:** 18C0685-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:45 am	03/19/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**515**	B	mg/kg dry	11.4	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**24.0**		mg/kg dry	1.14	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**535**		mg/kg dry	1.70	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:09	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.477**		mg/kg dry	0.0341	1	EPA 7473	03/20/2018 09:27	03/20/2018 15:15	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.0**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**1.14**		mg/kg dry	0.568	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**25.5**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB107A_11-12 **York Sample ID:** 18C0685-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:45 am	03/19/2018

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.568	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	03/28/2018 10:23	03/28/2018 11:35	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB107A_14-15** **York Sample ID:** **18C0685-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:50 am	03/19/2018

Metals, Target Analyte **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4670**		mg/kg dry	5.21	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.85**		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**30.7**		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.104	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2610**		mg/kg dry	5.21	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.1**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.50**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**23.2**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**10800**		mg/kg dry	2.09	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**12.7**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3560**		mg/kg dry	5.21	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**196**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**28.0**		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**862**		mg/kg dry	5.21	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**375**	B	mg/kg dry	10.4	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.7**		mg/kg dry	1.04	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB107A_14-15** **York Sample ID:** **18C0685-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 9:50 am	03/19/2018

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**23.2**		mg/kg dry	1.56	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:11	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0313	1	EPA 7473	03/20/2018 09:27	03/20/2018 15:23	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.9**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.521	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.1**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.521	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.20	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.0057**	SCAL-E, J	mg/kg dry	0.0051	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*86.8 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	03/21/2018 07:30	03/21/2018 18:17	RDS
								Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		mg/kg dry	0.0892	0.178	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0892	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.179	0.357	2	EPA 8270D	03/20/2018 14:18	03/21/2018 09:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*91.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*87.5 %*	*23-114*

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*93.9 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*94.3 %*			*21-113*						
1718-51-0	*Surrogate: Terphenyl-d14*	*86.7 %*			*24-116*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	03/20/2018 14:18	03/21/2018 09:26	KH

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/20/2018 14:23	03/21/2018 09:57	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA
33213-65-9	* Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH	03/20/2018 14:23	03/21/2018 09:57	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2018 14:23	03/21/2018 09:57	SA

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00882	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0893	5	EPA 8081B	03/20/2018 14:23	03/21/2018 09:57	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	03/22/2018 10:41	03/23/2018 09:35	LAB
							Certifications:			

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.9 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.3 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0212	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:22	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:22	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	03/20/2018 04:38	03/20/2018 14:22	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*126 %*		*30-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5730**		mg/kg dry	5.36	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.39**		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**28.0**		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.107	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.322	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2540**		mg/kg dry	5.36	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**25.9**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.73**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.1**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**12200**		mg/kg dry	2.15	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**17.2**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4780**		mg/kg dry	5.36	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**233**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**32.6**		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1760**		mg/kg dry	5.36	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.536	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**651**	B	mg/kg dry	10.7	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**20.3**		mg/kg dry	1.07	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**83.1**		mg/kg dry	1.61	1	EPA 6010C	03/20/2018 09:31	03/20/2018 17:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0322	1	EPA 7473	03/20/2018 09:27	03/20/2018 15:32	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.2**		%	0.100	1	SM 2540G	03/22/2018 15:10	03/23/2018 13:05	TAJ
							Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB107A_67-68 **York Sample ID:** 18C0685-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Soil	March 19, 2018 11:55 am	03/19/2018

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.536	1	EPA 7196A	03/20/2018 07:39	03/20/2018 16:44	AD
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**25.9**		mg/kg	0.500	1	Calculation	03/23/2018 11:43	03/23/2018 15:18	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.536	1	EPA 9014/9010C	03/21/2018 11:50	03/21/2018 16:59	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18C0685-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Water	March 19, 2018 11:00 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 18C0685-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Water	March 19, 2018 11:00 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18C0685-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Water	March 19, 2018 11:00 am	03/19/2018

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18C0685-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0685	170384501	Water	March 19, 2018 11:00 am	03/19/2018

Volatiles, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	03/23/2018 07:30	03/23/2018 13:46	RDS
							Certifications:			

Analytical Batch Summary

Batch ID: BC80862 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80862-BLK1	Blank	03/20/18
BC80862-BS1	LCS	03/20/18

Batch ID: BC80873 **Preparation Method:** EPA SW846-3060 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-03	SB107A_6-8	03/20/18
18C0685-04	SB107A_11-12	03/20/18
18C0685-05	SB107A_14-15	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80873-BLK1	Blank	03/20/18
BC80873-SRM1	Reference	03/20/18

Batch ID: BC80881 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-03	SB107A_6-8	03/20/18
18C0685-04	SB107A_11-12	03/20/18
18C0685-05	SB107A_14-15	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80881-BLK1	Blank	03/20/18
BC80881-DUP1	Duplicate	03/20/18
BC80881-MS1	Matrix Spike	03/20/18
BC80881-SRM1	Reference	03/20/18

Batch ID: BC80883 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-03	SB107A_6-8	03/20/18
18C0685-04	SB107A_11-12	03/20/18
18C0685-05	SB107A_14-15	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80883-BLK1	Blank	03/20/18
BC80883-SRM1	Reference	03/20/18

Batch ID: BC80903 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80903-BLK1	Blank	03/20/18
BC80903-BS1	LCS	03/20/18

Batch ID: BC80906 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/20/18
18C0685-01	SB107A_0-2	03/20/18
18C0685-01RE1	SB107A_0-2	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-02	SB107A_2-4	03/20/18
18C0685-02RE1	SB107A_2-4	03/20/18
18C0685-02RE2	SB107A_2-4	03/20/18
18C0685-06	SB107A_67-68	03/20/18
18C0685-06	SB107A_67-68	03/20/18
BC80906-BLK1	Blank	03/20/18
BC80906-BLK1	Blank	03/20/18
BC80906-BS1	LCS	03/20/18

Batch ID: BC80934 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/21/18
18C0685-06	SB107A_67-68	03/21/18
BC80934-BLK1	Blank	03/21/18
BC80934-BS1	LCS	03/21/18
BC80934-BSD1	LCS Dup	03/21/18

Batch ID: BC80959 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/21/18
18C0685-02	SB107A_2-4	03/21/18
18C0685-03	SB107A_6-8	03/21/18
18C0685-04	SB107A_11-12	03/21/18
18C0685-05	SB107A_14-15	03/21/18
18C0685-06	SB107A_67-68	03/21/18
BC80959-BLK1	Blank	03/21/18
BC80959-SRM1	Reference	03/21/18

Batch ID: BC81013 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/22/18

18C0685-06	SB107A_67-68	03/22/18
BC81013-BLK1	Blank	03/22/18
BC81013-BS1	LCS	03/22/18
BC81013-MS1	Matrix Spike	03/22/18
BC81013-MSD1	Matrix Spike Dup	03/22/18

Batch ID: BC81033 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/22/18
18C0685-02	SB107A_2-4	03/22/18
18C0685-03	SB107A_6-8	03/22/18
18C0685-04	SB107A_11-12	03/22/18
18C0685-05	SB107A_14-15	03/22/18
18C0685-06	SB107A_67-68	03/22/18

Batch ID: BC81055 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-07	Trip Blank	03/23/18
BC81055-BLK1	Blank	03/23/18
BC81055-BS1	LCS	03/23/18
BC81055-BSD1	LCS Dup	03/23/18

Batch ID: BC81085 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-01	SB107A_0-2	03/23/18
18C0685-02	SB107A_2-4	03/23/18
18C0685-03	SB107A_6-8	03/23/18
18C0685-04	SB107A_11-12	03/23/18
18C0685-05	SB107A_14-15	03/23/18
18C0685-06	SB107A_67-68	03/23/18

Batch ID: BC81229 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-02	SB107A_2-4	03/28/18
18C0685-03	SB107A_6-8	03/28/18
18C0685-04	SB107A_11-12	03/28/18
BC81229-BLK1	Blank	03/28/18

Batch ID: BC81335 **Preparation Method:** EPA 3015A/1311 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0685-02	SB107A_2-4	03/29/18
18C0685-03	SB107A_6-8	03/29/18
18C0685-04	SB107A_11-12	03/29/18

BC81335-BLK1	Blank	03/29/18
BC81335-BS1	LCS	03/29/18
BC81335-DUP1	Duplicate	03/29/18
BC81335-LBK1	Leach Fluid Blank	03/29/18
BC81335-MS1	Matrix Spike	03/29/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
Blank (BC80934-BLK1)											Prepared & Analyzed: 03/21/2018
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.010	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

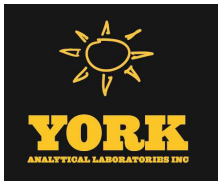
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
Blank (BC80934-BLK1)											Prepared & Analyzed: 03/21/2018
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*52.6*		*"*	*50.0*		*105*	*85-120*				
Surrogate: p-Bromofluorobenzene	*43.0*		*"*	*50.0*		*86.0*	*76-130*				
LCS (BC80934-BS1)											Prepared & Analyzed: 03/21/2018
1,1,1,2-Tetrachloroethane	49.2		ug/L	50.0		98.4	75-129				
1,1,1-Trichloroethane	48.4		"	50.0		96.8	71-137				
1,1,2,2-Tetrachloroethane	50.9		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.4		"	50.0		94.9	58-146				
1,1,2-Trichloroethane	47.8		"	50.0		95.7	83-123				
1,1-Dichloroethane	49.2		"	50.0		98.4	75-130				
1,1-Dichloroethylene	50.7		"	50.0		101	64-137				
1,2,3-Trichlorobenzene	49.1		"	50.0		98.2	81-140				
1,2,3-Trichloropropane	53.8		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	50.1		"	50.0		100	80-141				
1,2,4-Trimethylbenzene	50.3		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	41.8		"	50.0		83.6	74-142				
1,2-Dibromoethane	49.2		"	50.0		98.5	86-123				
1,2-Dichlorobenzene	49.6		"	50.0		99.3	85-122				
1,2-Dichloroethane	50.6		"	50.0		101	71-133				
1,2-Dichloropropane	49.0		"	50.0		97.9	81-122				
1,3,5-Trimethylbenzene	50.1		"	50.0		100	82-126				
1,3-Dichlorobenzene	47.7		"	50.0		95.4	84-124				
1,4-Dichlorobenzene	48.1		"	50.0		96.3	84-124				
1,4-Dioxane	266		"	1050		25.4	10-228				
2-Butanone	51.2		"	50.0		102	58-147				
2-Hexanone	51.2		"	50.0		102	70-139				
4-Methyl-2-pentanone	47.0		"	50.0		94.0	72-132				
Acetone	47.8		"	50.0		95.6	36-155				
Acrolein	31.0		"	50.0		62.0	10-238				
Acrylonitrile	52.5		"	50.0		105	66-141				
Benzene	50.9		"	50.0		102	77-127				
Bromochloromethane	49.7		"	50.0		99.3	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
LCS (BC80934-BS1)								Prepared & Analyzed: 03/21/2018			
Bromodichloromethane	47.9		ug/L	50.0		95.8	81-124				
Bromoform	50.1		"	50.0		100	80-136				
Bromomethane	45.7		"	50.0		91.4	32-177				
Carbon disulfide	52.5		"	50.0		105	10-136				
Carbon tetrachloride	51.2		"	50.0		102	66-143				
Chlorobenzene	49.3		"	50.0		98.5	86-120				
Chloroethane	47.0		"	50.0		94.0	51-142				
Chloroform	50.2		"	50.0		100	76-131				
Chloromethane	48.0		"	50.0		95.9	49-132				
cis-1,2-Dichloroethylene	49.6		"	50.0		99.3	74-132				
cis-1,3-Dichloropropylene	48.3		"	50.0		96.7	81-129				
Cyclohexane	48.2		"	50.0		96.4	70-130				
Dibromochloromethane	48.9		"	50.0		97.7	10-200				
Dibromomethane	46.9		"	50.0		93.8	83-124				
Dichlorodifluoromethane	43.8		"	50.0		87.7	28-158				
Ethyl Benzene	50.5		"	50.0		101	84-125				
Hexachlorobutadiene	52.4		"	50.0		105	83-133				
Isopropylbenzene	50.8		"	50.0		102	81-127				
Methyl acetate	46.1		"	50.0		92.3	41-143				
Methyl tert-butyl ether (MTBE)	52.4		"	50.0		105	74-131				
Methylcyclohexane	48.1		"	50.0		96.2	70-130				
Methylene chloride	44.8		"	50.0		89.5	57-141				
n-Butylbenzene	50.4		"	50.0		101	80-130				
n-Propylbenzene	49.9		"	50.0		99.8	74-136				
o-Xylene	49.2		"	50.0		98.4	83-123				
p- & m- Xylenes	89.0		"	100		89.0	82-128				
p-Isopropyltoluene	50.8		"	50.0		102	85-125				
sec-Butylbenzene	51.1		"	50.0		102	83-125				
Styrene	48.6		"	50.0		97.2	86-126				
tert-Butyl alcohol (TBA)	285		"	250		114	70-130				
tert-Butylbenzene	39.5		"	50.0		78.9	80-127	Low Bias			
Tetrachloroethylene	46.5		"	50.0		93.1	80-129				
Toluene	49.4		"	50.0		98.9	85-121				
trans-1,2-Dichloroethylene	48.8		"	50.0		97.5	72-132				
trans-1,3-Dichloropropylene	49.4		"	50.0		98.8	78-132				
Trichloroethylene	50.0		"	50.0		99.9	84-123				
Trichlorofluoromethane	48.7		"	50.0		97.5	62-140				
Vinyl Chloride	47.5		"	50.0		95.1	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.6*	*77-125*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.1*		*"*	*50.0*		*102*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
LCS Dup (BC80934-BSD1)							Prepared & Analyzed: 03/21/2018				
1,1,1,2-Tetrachloroethane	49.9		ug/L	50.0		99.7	75-129		1.31	30	
1,1,1-Trichloroethane	52.0		"	50.0		104	71-137		7.14	30	
1,1,2,2-Tetrachloroethane	53.2		"	50.0		106	79-129		4.50	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0		"	50.0		99.9	58-146		5.18	30	
1,1,2-Trichloroethane	53.6		"	50.0		107	83-123		11.4	30	
1,1-Dichloroethane	52.9		"	50.0		106	75-130		7.30	30	
1,1-Dichloroethylene	52.1		"	50.0		104	64-137		2.65	30	
1,2,3-Trichlorobenzene	50.2		"	50.0		100	81-140		2.32	30	
1,2,3-Trichloropropane	55.3		"	50.0		111	81-126		2.71	30	
1,2,4-Trichlorobenzene	51.6		"	50.0		103	80-141		2.93	30	
1,2,4-Trimethylbenzene	53.2		"	50.0		106	84-125		5.68	30	
1,2-Dibromo-3-chloropropane	60.1		"	50.0		120	74-142		35.9	30	Non-dir.
1,2-Dibromoethane	52.2		"	50.0		104	86-123		5.76	30	
1,2-Dichlorobenzene	51.4		"	50.0		103	85-122		3.44	30	
1,2-Dichloroethane	52.5		"	50.0		105	71-133		3.68	30	
1,2-Dichloropropane	52.0		"	50.0		104	81-122		5.96	30	
1,3,5-Trimethylbenzene	51.0		"	50.0		102	82-126		1.84	30	
1,3-Dichlorobenzene	50.0		"	50.0		100	84-124		4.81	30	
1,4-Dichlorobenzene	49.1		"	50.0		98.3	84-124		2.08	30	
1,4-Dioxane	309		"	1050		29.4	10-228		14.8	30	
2-Butanone	57.9		"	50.0		116	58-147		12.3	30	
2-Hexanone	49.7		"	50.0		99.5	70-139		2.89	30	
4-Methyl-2-pentanone	49.6		"	50.0		99.3	72-132		5.51	30	
Acetone	38.5		"	50.0		77.0	36-155		21.5	30	
Acrolein	39.6		"	50.0		79.2	10-238		24.4	30	
Acrylonitrile	58.6		"	50.0		117	66-141		11.1	30	
Benzene	52.9		"	50.0		106	77-127		3.85	30	
Bromochloromethane	51.9		"	50.0		104	74-129		4.41	30	
Bromodichloromethane	52.0		"	50.0		104	81-124		8.19	30	
Bromoform	55.4		"	50.0		111	80-136		10.0	30	
Bromomethane	46.9		"	50.0		93.9	32-177		2.70	30	
Carbon disulfide	54.7		"	50.0		109	10-136		4.16	30	
Carbon tetrachloride	52.2		"	50.0		104	66-143		2.11	30	
Chlorobenzene	52.5		"	50.0		105	86-120		6.44	30	
Chloroethane	50.2		"	50.0		100	51-142		6.69	30	
Chloroform	51.6		"	50.0		103	76-131		2.75	30	
Chloromethane	49.8		"	50.0		99.5	49-132		3.70	30	
cis-1,2-Dichloroethylene	52.0		"	50.0		104	74-132		4.68	30	
cis-1,3-Dichloropropylene	50.6		"	50.0		101	81-129		4.59	30	
Cyclohexane	51.6		"	50.0		103	70-130		6.82	30	
Dibromochloromethane	51.6		"	50.0		103	10-200		5.36	30	
Dibromomethane	52.5		"	50.0		105	83-124		11.3	30	
Dichlorodifluoromethane	44.5		"	50.0		88.9	28-158		1.43	30	
Ethyl Benzene	52.6		"	50.0		105	84-125		4.02	30	
Hexachlorobutadiene	55.0		"	50.0		110	83-133		4.78	30	
Isopropylbenzene	52.0		"	50.0		104	81-127		2.43	30	
Methyl acetate	48.7		"	50.0		97.4	41-143		5.40	30	
Methyl tert-butyl ether (MTBE)	56.1		"	50.0		112	74-131		6.93	30	
Methylcyclohexane	52.6		"	50.0		105	70-130		8.88	30	
Methylene chloride	45.3		"	50.0		90.6	57-141		1.20	30	
n-Butylbenzene	51.7		"	50.0		103	80-130		2.49	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80934 - EPA 5035A											
LCS Dup (BC80934-BSD1)								Prepared & Analyzed: 03/21/2018			
n-Propylbenzene	52.3		ug/L	50.0		105	74-136		4.68	30	
o-Xylene	53.2		"	50.0		106	83-123		7.85	30	
p- & m- Xylenes	94.8		"	100		94.8	82-128		6.36	30	
p-Isopropyltoluene	51.6		"	50.0		103	85-125		1.56	30	
sec-Butylbenzene	54.4		"	50.0		109	83-125		6.24	30	
Styrene	51.6		"	50.0		103	86-126		6.03	30	
tert-Butyl alcohol (TBA)	311		"	250		124	70-130		8.59	30	
tert-Butylbenzene	46.4		"	50.0		92.8	80-127		16.1	30	
Tetrachloroethylene	51.0		"	50.0		102	80-129		9.11	30	
Toluene	53.7		"	50.0		107	85-121		8.22	30	
trans-1,2-Dichloroethylene	51.2		"	50.0		102	72-132		4.84	30	
trans-1,3-Dichloropropylene	50.7		"	50.0		101	78-132		2.58	30	
Trichloroethylene	52.2		"	50.0		104	84-123		4.38	30	
Trichlorofluoromethane	51.1		"	50.0		102	62-140		4.83	30	
Vinyl Chloride	49.8		"	50.0		99.7	52-130		4.72	30	
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				
Batch BC81055 - EPA 5030B											
Blank (BC81055-BLK1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	2.00	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	200	"								
2-Butanone	ND	2.00	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	2.00	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81055 - EPA 5030B											
Blank (BC81055-BLK1)											
Prepared & Analyzed: 03/23/2018											
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*9.25*		*"*	*10.0*		*92.5*	*69-130*				
Surrogate: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.6*		*"*	*10.0*		*116*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81055 - EPA 5030B											
LCS (BC81055-BS1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	8.60		ug/L	10.0		86.0	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	8.87		"	10.0		88.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.14		"	10.0		91.4	54-165				
1,1,2-Trichloroethane	9.49		"	10.0		94.9	82-123				
1,1-Dichloroethane	9.57		"	10.0		95.7	82-129				
1,1-Dichloroethylene	9.29		"	10.0		92.9	68-138				
1,2,3-Trichlorobenzene	9.89		"	10.0		98.9	76-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	9.83		"	10.0		98.3	76-137				
1,2,4-Trimethylbenzene	9.27		"	10.0		92.7	82-132				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147				
1,2-Dibromoethane	9.61		"	10.0		96.1	83-124				
1,2-Dichlorobenzene	9.15		"	10.0		91.5	79-123				
1,2-Dichloroethane	9.92		"	10.0		99.2	73-132				
1,2-Dichloropropane	9.91		"	10.0		99.1	78-126				
1,3,5-Trimethylbenzene	9.58		"	10.0		95.8	80-131				
1,3-Dichlorobenzene	8.63		"	10.0		86.3	86-122				
1,4-Dichlorobenzene	9.55		"	10.0		95.5	85-124				
1,4-Dioxane	386		"	210		184	10-349				
2-Butanone	11.4		"	10.0		114	49-152				
2-Hexanone	8.32		"	10.0		83.2	51-146				
4-Methyl-2-pentanone	8.73		"	10.0		87.3	57-145				
Acetone	8.37		"	10.0		83.7	14-150				
Acrolein	6.69		"	10.0		66.9	10-153				
Acrylonitrile	9.79		"	10.0		97.9	51-150				
Benzene	9.99		"	10.0		99.9	85-126				
Bromochloromethane	8.80		"	10.0		88.0	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	9.47		"	10.0		94.7	78-133				
Bromomethane	3.98		"	10.0		39.8	43-168	Low Bias			
Carbon disulfide	10.6		"	10.0		106	68-146				
Carbon tetrachloride	10.2		"	10.0		102	77-141				
Chlorobenzene	9.13		"	10.0		91.3	88-120				
Chloroethane	8.35		"	10.0		83.5	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	6.04		"	10.0		60.4	43-155				
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	9.86		"	10.0		98.6	63-149				
Dibromochloromethane	9.51		"	10.0		95.1	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	9.60		"	10.0		96.0	44-144				
Ethyl Benzene	9.40		"	10.0		94.0	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	9.86		"	10.0		98.6	76-140				
Methyl acetate	9.09		"	10.0		90.9	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	10.8		"	10.0		108	72-143				
Methylene chloride	8.14		"	10.0		81.4	55-137				
n-Butylbenzene	9.51		"	10.0		95.1	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

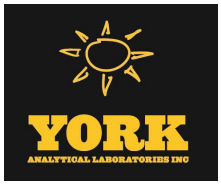
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81055 - EPA 5030B											
LCS (BC81055-BS1)								Prepared & Analyzed: 03/23/2018			
n-Propylbenzene	9.59		ug/L	10.0		95.9	78-133				
o-Xylene	9.82		"	10.0		98.2	78-130				
p- & m- Xylenes	18.2		"	20.0		91.2	77-133				
p-Isopropyltoluene	8.89		"	10.0		88.9	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	9.22		"	10.0		92.2	67-132				
tert-Butyl alcohol (TBA)	50.6		"	50.0		101	25-162				
tert-Butylbenzene	9.50		"	10.0		95.0	77-138				
Tetrachloroethylene	9.76		"	10.0		97.6	82-131				
Toluene	9.49		"	10.0		94.9	80-127				
trans-1,2-Dichloroethylene	9.66		"	10.0		96.6	80-132				
trans-1,3-Dichloropropylene	9.67		"	10.0		96.7	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	9.75		"	10.0		97.5	67-139				
Vinyl Chloride	8.09		"	10.0		80.9	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*69-130*				
Surrogate: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				
LCS Dup (BC81055-BSD1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	7.88		ug/L	10.0		78.8	82-126	Low Bias	8.74	30	
1,1,1-Trichloroethane	8.82		"	10.0		88.2	78-136		14.1	30	
1,1,2,2-Tetrachloroethane	8.48		"	10.0		84.8	76-129		4.50	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.85		"	10.0		78.5	54-165		15.2	30	
1,1,2-Trichloroethane	8.78		"	10.0		87.8	82-123		7.77	30	
1,1-Dichloroethane	8.46		"	10.0		84.6	82-129		12.3	30	
1,1-Dichloroethylene	8.07		"	10.0		80.7	68-138		14.1	30	
1,2,3-Trichlorobenzene	10.0		"	10.0		100	76-136		1.41	30	
1,2,3-Trichloropropane	9.59		"	10.0		95.9	77-128		4.29	30	
1,2,4-Trichlorobenzene	9.39		"	10.0		93.9	76-137		4.58	30	
1,2,4-Trimethylbenzene	8.45		"	10.0		84.5	82-132		9.26	30	
1,2-Dibromo-3-chloropropane	9.89		"	10.0		98.9	45-147		2.10	30	
1,2-Dibromoethane	9.13		"	10.0		91.3	83-124		5.12	30	
1,2-Dichlorobenzene	8.60		"	10.0		86.0	79-123		6.20	30	
1,2-Dichloroethane	9.23		"	10.0		92.3	73-132		7.21	30	
1,2-Dichloropropane	8.90		"	10.0		89.0	78-126		10.7	30	
1,3,5-Trimethylbenzene	8.78		"	10.0		87.8	80-131		8.71	30	
1,3-Dichlorobenzene	7.93		"	10.0		79.3	86-122	Low Bias	8.45	30	
1,4-Dichlorobenzene	8.57		"	10.0		85.7	85-124		10.8	30	
1,4-Dioxane	202		"	210		96.1	10-349		62.7	30	Non-dir.
2-Butanone	10.4		"	10.0		104	49-152		9.33	30	
2-Hexanone	8.05		"	10.0		80.5	51-146		3.30	30	
4-Methyl-2-pentanone	8.05		"	10.0		80.5	57-145		8.10	30	
Acetone	8.58		"	10.0		85.8	14-150		2.48	30	
Acrolein	5.80		"	10.0		58.0	10-153		14.3	30	
Acrylonitrile	9.35		"	10.0		93.5	51-150		4.60	30	
Benzene	8.78		"	10.0		87.8	85-126		12.9	30	
Bromochloromethane	8.01		"	10.0		80.1	77-128		9.40	30	
Bromodichloromethane	9.49		"	10.0		94.9	79-128		9.15	30	
Bromoform	9.01		"	10.0		90.1	78-133		4.98	30	
Bromomethane	4.12		"	10.0		41.2	43-168	Low Bias	3.46	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81055 - EPA 5030B											
LCS Dup (BC81055-BSD1)								Prepared & Analyzed: 03/23/2018			
Carbon disulfide	9.22		ug/L	10.0		92.2	68-146		14.2	30	
Carbon tetrachloride	9.04		"	10.0		90.4	77-141		12.5	30	
Chlorobenzene	8.24		"	10.0		82.4	88-120	Low Bias	10.2	30	
Chloroethane	7.41		"	10.0		74.1	65-136		11.9	30	
Chloroform	9.07		"	10.0		90.7	82-128		11.2	30	
Chloromethane	5.46		"	10.0		54.6	43-155		10.1	30	
cis-1,2-Dichloroethylene	7.55		"	10.0		75.5	83-129	Low Bias	26.4	30	
cis-1,3-Dichloropropylene	9.13		"	10.0		91.3	80-131		9.79	30	
Cyclohexane	8.59		"	10.0		85.9	63-149		13.8	30	
Dibromochloromethane	8.87		"	10.0		88.7	80-130		6.96	30	
Dibromomethane	9.55		"	10.0		95.5	72-134		6.58	30	
Dichlorodifluoromethane	8.49		"	10.0		84.9	44-144		12.3	30	
Ethyl Benzene	8.42		"	10.0		84.2	80-131		11.0	30	
Hexachlorobutadiene	9.21		"	10.0		92.1	67-146		11.0	30	
Isopropylbenzene	9.02		"	10.0		90.2	76-140		8.90	30	
Methyl acetate	8.54		"	10.0		85.4	51-139		6.24	30	
Methyl tert-butyl ether (MTBE)	9.81		"	10.0		98.1	76-135		6.51	30	
Methylcyclohexane	9.58		"	10.0		95.8	72-143		11.7	30	
Methylene chloride	7.30		"	10.0		73.0	55-137		10.9	30	
n-Butylbenzene	8.61		"	10.0		86.1	79-132		9.93	30	
n-Propylbenzene	8.69		"	10.0		86.9	78-133		9.85	30	
o-Xylene	8.92		"	10.0		89.2	78-130		9.61	30	
p- & m- Xylenes	16.3		"	20.0		81.6	77-133		11.1	30	
p-Isopropyltoluene	8.00		"	10.0		80.0	81-136	Low Bias	10.5	30	
sec-Butylbenzene	9.29		"	10.0		92.9	79-137		10.1	30	
Styrene	8.32		"	10.0		83.2	67-132		10.3	30	
tert-Butyl alcohol (TBA)	49.2		"	50.0		98.4	25-162		2.75	30	
tert-Butylbenzene	8.66		"	10.0		86.6	77-138		9.25	30	
Tetrachloroethylene	8.85		"	10.0		88.5	82-131		9.78	30	
Toluene	8.52		"	10.0		85.2	80-127		10.8	30	
trans-1,2-Dichloroethylene	8.40		"	10.0		84.0	80-132		14.0	30	
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131		6.73	30	
Trichloroethylene	9.01		"	10.0		90.1	82-128		12.0	30	
Trichlorofluoromethane	8.45		"	10.0		84.5	67-139		14.3	30	
Vinyl Chloride	6.98		"	10.0		69.8	58-145		14.7	30	
Surrogate: 1,2-Dichloroethane-d4	*9.46*		*"*	*10.0*		*94.6*	*69-130*				
Surrogate: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
Blank (BC80906-BLK1)											
Prepared: 03/20/2018 Analyzed: 03/21/2018											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
Blank (BC80906-BLK1)											
Prepared: 03/20/2018 Analyzed: 03/21/2018											
Dibenzofuran	ND	0.0417	mg/kg wet								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: 2-Fluorophenol	*2.23*		"	*2.57*		*87.0*	*20-108*				
Surrogate: Phenol-d5	*2.07*		"	*2.52*		*82.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.49*		"	*1.67*		*89.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.50*		"	*1.63*		*92.2*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.27*		"	*2.57*		*127*	*19-110*				
Surrogate: Terphenyl-d14	*1.58*		"	*1.67*		*94.2*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
LCS (BC80906-BS1)								Prepared: 03/20/2018 Analyzed: 03/21/2018			
1,1-Biphenyl	0.781	0.0417	mg/kg wet	0.833		93.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.809	0.0833	"	0.833		97.1	21-131				
1,2-Diphenylhydrazine (as Azobenzene)	0.635	0.0417	"	0.833		76.2	17-137				
2,3,4,6-Tetrachlorophenol	0.757	0.0833	"	0.833		90.9	30-130				
2,4,5-Trichlorophenol	0.875	0.0417	"	0.833		105	27-118				
2,4,6-Trichlorophenol	0.905	0.0417	"	0.833		109	31-120				
2,4-Dichlorophenol	0.872	0.0417	"	0.833		105	20-127				
2,4-Dimethylphenol	0.827	0.0417	"	0.833		99.2	14-132				
2,4-Dinitrophenol	0.947	0.0833	"	0.833		114	10-171				
2,4-Dinitrotoluene	1.01	0.0417	"	0.833		121	34-131				
2,6-Dinitrotoluene	0.946	0.0417	"	0.833		114	31-128				
2-Chloronaphthalene	0.763	0.0417	"	0.833		91.6	31-117				
2-Chlorophenol	0.777	0.0417	"	0.833		93.2	33-113				
2-Methylnaphthalene	0.906	0.0417	"	0.833		109	12-138				
2-Methylphenol	0.738	0.0417	"	0.833		88.5	10-136				
2-Nitroaniline	0.894	0.0833	"	0.833		107	27-132				
2-Nitrophenol	0.936	0.0417	"	0.833		112	17-129				
3- & 4-Methylphenols	0.680	0.0417	"	0.833		81.6	29-103				
3,3-Dichlorobenzidine	0.647	0.0417	"	0.833		77.6	22-149				
3-Nitroaniline	0.611	0.0833	"	0.833		73.3	20-133				
4,6-Dinitro-2-methylphenol	0.812	0.0833	"	0.833		97.4	10-143				
4-Bromophenyl phenyl ether	0.819	0.0417	"	0.833		98.3	29-120				
4-Chloro-3-methylphenol	0.907	0.0417	"	0.833		109	24-129				
4-Chloroaniline	0.364	0.0417	"	0.833		43.6	10-132				
4-Chlorophenyl phenyl ether	0.836	0.0417	"	0.833		100	27-124				
4-Nitroaniline	0.855	0.0833	"	0.833		103	16-128				
4-Nitrophenol	0.827	0.0833	"	0.833		99.2	10-141				
Acenaphthene	0.708	0.0417	"	0.833		85.0	30-121				
Acenaphthylene	0.713	0.0417	"	0.833		85.6	30-115				
Acetophenone	0.686	0.0417	"	0.833		82.3	20-112				
Aniline	0.604	0.167	"	0.833		72.4	10-119				
Anthracene	0.738	0.0417	"	0.833		88.6	34-118				
Atrazine	0.778	0.0417	"	0.833		93.3	26-112				
Benzaldehyde	0.753	0.0417	"	0.833		90.4	21-100				
Benzo(a)anthracene	0.867	0.0417	"	0.833		104	32-122				
Benzo(a)pyrene	0.888	0.0417	"	0.833		107	29-133				
Benzo(b)fluoranthene	0.765	0.0417	"	0.833		91.8	25-133				
Benzo(g,h,i)perylene	0.831	0.0417	"	0.833		99.7	10-143				
Benzo(k)fluoranthene	0.791	0.0417	"	0.833		94.9	25-128				
Benzoic acid	0.387	0.0417	"	0.967		40.1	10-140				
Benzyl alcohol	0.770	0.0417	"	0.833		92.4	30-115				
Benzyl butyl phthalate	0.906	0.0417	"	0.833		109	26-126				
Bis(2-chloroethoxy)methane	0.865	0.0417	"	0.833		104	19-132				
Bis(2-chloroethyl)ether	0.762	0.0417	"	0.833		91.4	19-125				
Bis(2-chloroisopropyl)ether	0.816	0.0417	"	0.833		97.9	20-135				
Bis(2-ethylhexyl)phthalate	0.863	0.0417	"	0.833		104	10-155				
Caprolactam	0.811	0.0833	"	0.833		97.3	10-127				
Carbazole	0.788	0.0417	"	0.833		94.5	35-123				
Chrysene	0.703	0.0417	"	0.833		84.4	32-123				
Dibenzo(a,h)anthracene	0.776	0.0417	"	0.833		93.1	10-136				
Dibenzofuran	0.848	0.0417	"	0.833		102	29-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
LCS (BC80906-BS1)									Prepared: 03/20/2018 Analyzed: 03/21/2018		
Diethyl phthalate	0.838	0.0417	mg/kg wet	0.833		101	34-116				
Dimethyl phthalate	0.829	0.0417	"	0.833		99.5	35-124				
Di-n-butyl phthalate	0.846	0.0417	"	0.833		102	31-116				
Di-n-octyl phthalate	0.968	0.0417	"	0.833		116	26-136				
Diphenylamine	0.851	0.0833	"	0.833		102	40-140				
Fluoranthene	0.791	0.0417	"	0.833		94.9	33-122				
Fluorene	0.750	0.0417	"	0.833		90.0	29-123				
Hexachlorobenzene	0.697	0.0417	"	0.833		83.7	21-124				
Hexachlorobutadiene	0.890	0.0417	"	0.833		107	10-149				
Hexachlorocyclopentadiene	0.834	0.0417	"	0.833		100	10-129				
Hexachloroethane	0.713	0.0417	"	0.833		85.5	28-108				
Indeno(1,2,3-cd)pyrene	0.837	0.0417	"	0.833		100	10-135				
Isophorone	0.785	0.0417	"	0.833		94.2	20-132				
Naphthalene	0.750	0.0417	"	0.833		90.0	23-124				
Nitrobenzene	0.745	0.0417	"	0.833		89.4	13-132				
N-Nitrosodimethylamine	0.703	0.0417	"	0.833		84.4	11-129				
N-nitroso-di-n-propylamine	0.649	0.0417	"	0.833		77.9	24-119				
N-Nitrosodiphenylamine	0.867	0.0417	"	0.833		104	22-152				
Pentachlorophenol	0.716	0.0417	"	0.833		85.9	10-139				
Phenanthrene	0.704	0.0417	"	0.833		84.5	33-123				
Phenol	0.735	0.0417	"	0.833		88.2	23-115				
Pyrene	0.721	0.0417	"	0.833		86.6	32-130				
Pyridine	0.740	0.167	"	0.833		88.8	10-91				
Surrogate: 2-Fluorophenol	*2.56*		"	*2.57*		*99.6*	*20-108*				
Surrogate: Phenol-d5	*2.37*		"	*2.52*		*93.8*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.65*		"	*1.67*		*98.4*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.56*		"	*1.63*		*96.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.38*		"	*2.57*		*132*	*19-110*				
Surrogate: Terphenyl-d14	*1.38*		"	*1.67*		*82.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80906 - EPA 3550C											
Blank (BC80906-BLK1)											Prepared: 03/20/2018 Analyzed: 03/21/2018
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80903 - EPA 3550C											
Blank (BC80903-BLK1)											Prepared: 03/20/2018 Analyzed: 03/21/2018
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Decachlorobiphenyl	*0.0710*		*"*	*0.0697*		*102*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0640*		*"*	*0.0673*		*95.1*	*30-150*				
LCS (BC80903-BS1)											Prepared: 03/20/2018 Analyzed: 03/21/2018
4,4'-DDD	0.0261	0.000330	mg/kg wet	0.0333		78.3	40-140				
4,4'-DDE	0.0212	0.000330	"	0.0333		63.5	40-140				
4,4'-DDT	0.0243	0.000330	"	0.0333		72.9	40-140				
Aldrin	0.0270	0.000330	"	0.0333		81.0	40-140				
alpha-BHC	0.0288	0.000330	"	0.0333		86.3	40-140				
alpha-Chlordane	0.0260	0.000330	"	0.0333		77.9	40-140				
beta-BHC	0.0281	0.000330	"	0.0333		84.3	40-140				
delta-BHC	0.0297	0.000330	"	0.0333		89.1	40-140				
Dieldrin	0.0275	0.000330	"	0.0333		82.5	40-140				
Endosulfan I	0.0324	0.000330	"	0.0333		97.1	40-140				
Endosulfan II	0.0284	0.000330	"	0.0333		85.1	40-140				
Endosulfan sulfate	0.0280	0.000330	"	0.0333		84.1	40-140				
Endrin	0.0272	0.000330	"	0.0333		81.6	40-140				
Endrin aldehyde	0.0270	0.000330	"	0.0333		81.1	40-140				
Endrin ketone	0.0289	0.000330	"	0.0333		86.6	40-140				
gamma-BHC (Lindane)	0.0276	0.000330	"	0.0333		82.8	40-140				
gamma-Chlordane	0.0259	0.000330	"	0.0333		77.7	40-140				
Heptachlor	0.0237	0.000330	"	0.0333		71.1	40-140				
Heptachlor epoxide	0.0254	0.000330	"	0.0333		76.3	40-140				
Methoxychlor	0.0217	0.00165	"	0.0333		65.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0502*		*"*	*0.0697*		*72.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0470*		*"*	*0.0673*		*69.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)							Prepared & Analyzed: 11/27/2017				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				
Batch Y8C2201 - BC80734											
Performance Mix (Y8C2201-PEM1)							Prepared & Analyzed: 03/21/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.823		"	0.00			0-200				
4,4'-DDT	222		"	200		111	0-200				
Endrin	171		"	100		171	0-200				
Endrin aldehyde	2.02		"	0.00			0-200				
Endrin ketone	6.29		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81013 - EPA 3550C											
Blank (BC81013-BLK1)								Prepared: 03/22/2018 Analyzed: 03/23/2018			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0563*		*"*	*0.0673*		*83.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0510*		*"*	*0.0697*		*73.2*	*30-140*				
LCS (BC81013-BS1)								Prepared: 03/22/2018 Analyzed: 03/23/2018			
Aroclor 1016	0.326	0.0167	mg/kg wet	0.333		97.7	40-130				
Aroclor 1260	0.331	0.0167	"	0.333		99.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0477*		*"*	*0.0673*		*70.8*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0453*		*"*	*0.0697*		*65.1*	*30-140*				
Matrix Spike (BC81013-MS1)	*Source sample: 18C0685-01 (SB107A_0-2)							Prepared: 03/22/2018 Analyzed: 03/23/2018			
Aroclor 1016	0.231	0.0180	mg/kg dry	0.361	ND	63.9	40-140				
Aroclor 1260	0.264	0.0180	"	0.361	ND	73.2	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0426*		*"*	*0.0729*		*58.4*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0458*		*"*	*0.0755*		*60.8*	*30-140*				
Matrix Spike Dup (BC81013-MSD1)	*Source sample: 18C0685-01 (SB107A_0-2)							Prepared: 03/22/2018 Analyzed: 03/23/2018			
Aroclor 1016	0.234	0.0180	mg/kg dry	0.361	ND	64.8	40-140		1.40	50	
Aroclor 1260	0.296	0.0180	"	0.361	ND	82.1	40-140		11.5	50	
Surrogate: Tetrachloro-m-xylene	*0.0487*		*"*	*0.0729*		*66.8*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0578*		*"*	*0.0755*		*76.6*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80862 - EPA 3550B/8151A											
Blank (BC80862-BLK1)										Prepared & Analyzed: 03/20/2018	
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.625*		*"*	*0.500*		*125*	*30-150*				
LCS (BC80862-BS1)										Prepared & Analyzed: 03/20/2018	
2,4,5-T	0.140	0.0200	mg/kg wet	0.160		87.5	40-140				
2,4,5-TP (Silvex)	0.137	0.0200	"	0.160		85.6	40-140				
2,4-D	0.129	0.0200	"	0.160		80.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.521*		*"*	*0.500*		*104*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80883 - EPA 3050B											
Blank (BC80883-BLK1)											Prepared & Analyzed: 03/20/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	40.7	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BC80883-SRM1)											Prepared & Analyzed: 03/20/2018
Aluminum	6910	5.00	mg/kg wet	8040		85.9	39.4-160.5				
Antimony	84.4	0.500	"	91.4		92.3	25.1-275.7				
Arsenic	146	1.00	"	146		99.9	69.9-132.9				
Barium	102	1.00	"	102		100	71.5-136.3				
Beryllium	134	0.100	"	134		99.7	75.4-138.1				
Cadmium	63.1	0.300	"	63.2		99.8	73.3-141.5				
Calcium	5960	5.00	"	5930		101	73.7-136.1				
Chromium	85.9	0.500	"	89.3		96.2	69.1-143.3				
Cobalt	129	0.500	"	119		109	74.6-142				
Copper	63.1	0.500	"	60.8		104	72.7-141.6				
Iron	12500	2.00	"	14400		87.1	35.6-163.9				
Lead	95.2	0.500	"	98.5		96.6	70.8-137.1				
Magnesium	2510	5.00	"	2580		97.2	63.6-136.1				
Manganese	398	0.500	"	370		108	75.7-134.3				
Nickel	74.9	0.500	"	66.6		113	70.7-146.3				
Potassium	2400	5.00	"	2340		102	59.8-140.2				
Selenium	116	1.00	"	136		85.6	67.1-136.8				
Silver	46.0	0.500	"	48.9		94.0	66.5-139.5				
Sodium	366	10.0	"	318		115	40.6-159.8				
Thallium	136	1.00	"	138		98.8	68-136.2				
Vanadium	63.6	1.00	"	69.7		91.2	58.9-141.8				
Zinc	180	1.50	"	177		102	69.5-131.1				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81335 - EPA 3015A/1311											
Blank (BC81335-BLK1)								Prepared & Analyzed: 03/29/2018			
Lead	ND	0.00333	mg/L								
LCS (BC81335-BS1)								Prepared & Analyzed: 03/29/2018			
Lead	0.505		ug/mL	0.500		101	80-120				
Duplicate (BC81335-DUP1)	*Source sample: 18C0685-02 (SB107A_2-4)							Prepared & Analyzed: 03/29/2018			
Lead	5.52	0.0750	mg/L		5.56				0.815	20	
Leach Fluid Blank (BC81335-LBK1)								Prepared & Analyzed: 03/29/2018			
Lead	ND	0.0750	mg/L								
Matrix Spike (BC81335-MS1)	*Source sample: 18C0685-02 (SB107A_2-4)							Prepared & Analyzed: 03/29/2018			
Lead	17.7	0.0750	mg/L	12.5	5.56	97.1	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80881 - EPA 7473 soil											
Blank (BC80881-BLK1)								Prepared & Analyzed: 03/20/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC80881-DUP1)	*Source sample: 18C0685-01 (SB107A_0-2)							Prepared & Analyzed: 03/20/2018			
Mercury	0.697	0.0325	mg/kg dry		0.556				22.6	35	
Matrix Spike (BC80881-MS1)	*Source sample: 18C0685-01 (SB107A_0-2)							Prepared & Analyzed: 03/20/2018			
Mercury	1.04		mg/kg	0.500	0.513	106	75-125				
Reference (BC80881-SRM1)								Prepared & Analyzed: 03/20/2018			
Mercury	11.063		mg/kg	13.8		80.2	57.1-143.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80873 - EPA SW846-3060											
Blank (BC80873-BLK1)									Prepared & Analyzed: 03/20/2018		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BC80873-SRM1)									Prepared & Analyzed: 03/20/2018		
Chromium, Hexavalent	111		mg/L	207		53.6	40.5-101.9				
Batch BC80959 - Analysis Preparation Soil											
Blank (BC80959-BLK1)									Prepared & Analyzed: 03/21/2018		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BC80959-SRM1)									Prepared & Analyzed: 03/21/2018		
Cyanide, total	43.8		ug/mL	62.8		69.8	6.37-86				
Batch BC81229 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BC81229-BLK1)									Prepared & Analyzed: 03/28/2018		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18C0685-01	SB107A_0-2	40mL Vial with Stir Bar-Cool 4° C
18C0685-06	SB107A_67-68	40mL Vial with Stir Bar-Cool 4° C
18C0685-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-COMP	Completed
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include TCLP Pb analysis.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 18C0685

YOUR Information	Report To:	Invoice To:
Company: Langan Engineering	Company: "	Company: "
Address: 300 W 31ST ST 8FL NY, NY 10001	Address:	Address:
Phone.: (212) 479-5400	Phone.:	Phone.:
Contact: KIM DELCOL	Contact:	Contact:
E-mail: KDELCOL@LANGAN.COM	E-mail: SKNOOP@LANGAN.COM	E-mail:

YOUR Project Number: 170324501

YOUR Project Name:

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Taylor Morgan

Taylor Morgan

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ¦ Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report; CT RCP; Standard Excel EDD
QA Report; CT RCP DQA/DUE; EQuIS (Standard)
NY ASP A Package; NJDEP Reduced Deliverables; NYSDEC EQuIS
NY ASP B Package; NJDEP SRP HazSite
NJDKQP; Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB107A-0-2	S	03/19/18 0850	TCL+30 VOCs+SVOCs, PCBs, Pest, Herb, TAL Metals, Cr^{6+}, Cr^{3+}	2x8oz, 4x40mL
SB107A_2-4	S	03/19/18 0900	TCL+30 SVOCs, TAL Metals, Cr^{6+}, Cr^{3+}	1x8oz, 1x4oz
SB107A-6-8	S	03/19/18 0930	TAL Metals, Cr^{6+}, Cr^{3+}	1x4oz
SB107A-11-12	S	03/19/18 0945	TAL Metals, Cr^{6+}, Cr^{3+}	1x4oz
SB107A-14-15	S	03/19/18 0950	TAL Metals, Cr^{6+}, Cr^{3+}	1x4oz
SB107A-67-68	S	03/19/18 1155	TCL+30 VOCs+SVOCs, PCBs, Pest, Herb, TAL Metals, Cr^{6+}, Cr^{3+}	2x8oz, 4x40mL

Comments:

Preservation: (check all that apply)
HCl ___ MeOH X HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Taylor Morgan	03/19/18 1435		3/19/18 1435		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TC	3/19/18 1903 / 2.5 Degrees C

DRAFT

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Report Date: 04/02/2018
Client Project ID: 170384501
York Project (SDG) No.: 18C0928

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/02/2018
Client Project ID: 170384501
York Project (SDG) No.: 18C0928

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Stuart Knoop

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 26, 2018 and listed below. The project was identified as your project: **170384501**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18C0928-01	MW107_032618	Water	03/26/2018	03/26/2018
18C0928-02	GWFB04_032618	Water	03/26/2018	03/26/2018
18C0928-03	GWTB04_032618	Water	03/26/2018	03/26/2018

General Notes for York Project (SDG) No.: 18C0928

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

DRAFT

Date: 04/02/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**21.2**		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.650**	CCV-E, ICV-E, SCAL-E	ug/L	0.500	1.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**0.270**		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**2.06**		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.3 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**methyl Propene isomer**	**1.2**	N	ug/L		1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
							Certifications:			
115-07-1	**Propene**	**1.9**	N	ug/L		1	EPA 8260C	03/28/2018 14:15	03/28/2018 18:28	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*26.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*17.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*67.4 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.1 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*74.2 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.5 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:13	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	03/27/2018 06:36	03/27/2018 15:37	SR
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0216	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B	03/28/2018 07:19	03/30/2018 09:03	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.0 %*		*30-150*						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*28.4 %*	GC-SC u	*30-150*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	04/02/2018 08:54	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	04/02/2018 08:54	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	04/02/2018 08:54	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	04/02/2018 08:54	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	04/02/2018 08:54	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	04/02/2018 08:54	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	04/02/2018 08:54	LAB
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	Total PCBs	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	04/02/2018 08:54	LAB
							Certifications:			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*30.7 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.1 %*		*30-120*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	04/02/2018 04:26	04/02/2018 11:15	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	04/02/2018 04:26	04/02/2018 11:15	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	04/02/2018 04:26	04/02/2018 11:15	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*129 %*			*30-150*					

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.404**		mg/L	0.0556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0585**		mg/L	0.0111	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**19.5**		mg/L	0.0556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.00767**		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.868**		mg/L	0.0222	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6.39**		mg/L	0.0556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.103**		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.82**		mg/L	0.0556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**60.7**		mg/L	0.111	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0481**		mg/L	0.0111	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**17.3**		mg/L	0.0556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6.13**		mg/L	0.0556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0598**		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.06**		mg/L	0.0556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**63.4**		mg/L	0.111	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00131**		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00243**		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 12:52	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	03/29/2018 12:50	03/29/2018 15:01	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	03/30/2018 12:44	03/30/2018 13:59	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW107_032618 **York Sample ID:** 18C0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 9:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.0440**		mg/L	0.0100	1	EPA 7196A	03/26/2018 20:42	03/26/2018 20:55	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	04/02/2018 12:56	04/02/2018 15:29	PAM
							Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	03/28/2018 08:29	03/28/2018 15:43	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.22	1	SW-846 8270D	03/27/2018 00:00	03/28/2018 00:00	
							Certifications:			

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.600**	CCV-E, ICV-E, SCAL-E	ug/L	0.500	1.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:56	SS
							Certifications:			

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	3.85	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	3.85	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	19.2	38.5	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	0.769	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-39-4	Diphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	NELAC-NY10854,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.85	7.69	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	1.92	3.85	1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*23.3 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*15.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.5 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.2 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*65.0 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*38.3 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0154	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.192	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.192	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0385	1	EPA 8270D SIM	03/27/2018 06:36	03/28/2018 09:45	SR
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	03/27/2018 06:36	03/27/2018 16:26	SR
								Certifications:			

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Pesticides, 8081 target list **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/L	0.0216	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B	03/28/2018 07:19	03/29/2018 11:07	SA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.9 %*			*30-150*					
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.4 %*			*30-150*					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	03/30/2018 13:25	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	03/30/2018 13:25	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	03/30/2018 13:25	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	03/30/2018 13:25	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	03/30/2018 13:25	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	03/30/2018 13:25	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	03/30/2018 13:25	SA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	Total PCBs	ND		ug/L	0.0541	1	EPA 8082A	03/28/2018 07:19	03/30/2018 13:25	SA
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.8 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.1 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	04/02/2018 04:26	04/02/2018 11:28	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	04/02/2018 04:26	04/02/2018 11:28	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	04/02/2018 04:26	04/02/2018 11:28	LAB
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*75.8 %*	*30-150*

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**0.195**		mg/L	0.0556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**0.162**		mg/L	0.111	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	03/27/2018 09:38	03/27/2018 12:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.0222	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.111	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0167	1	EPA 6010C	03/28/2018 09:34	03/28/2018 16:24	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00185**		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	03/27/2018 09:42	03/27/2018 13:03	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020A	03/28/2018 09:36	03/28/2018 15:35	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	1	EPA 7473	03/29/2018 12:50	03/29/2018 15:12	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002000	1	EPA 7473	03/30/2018 12:44	03/30/2018 14:09	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	03/26/2018 20:42	03/26/2018 20:55	TAJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	04/02/2018 12:56	04/02/2018 15:29	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GWFB04_032618 **York Sample ID:** 18C0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	03/28/2018 08:29	03/28/2018 15:43	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.22	1	SW-846 8270D	03/27/2018 00:00	03/28/2018 00:00	
							Certifications:			

Sample Information

Client Sample ID: GWTB04_032618 **York Sample ID:** 18C0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB04_032618 **York Sample ID:** 18C0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB04_032618 **York Sample ID:** 18C0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB04_032618 **York Sample ID:** 18C0928-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0928	170384501	Water	March 26, 2018 11:00 am	03/26/2018

Analyzed by: York Analytical Laboratories, Inc.

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L		1	EPA 8260C	03/28/2018 14:15	03/28/2018 17:24	SS
							Certifications:			

Analytical Batch Summary

Batch ID: 3/28/2018 **Preparation Method:** EPA 3535A **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/27/18
18C0928-02	GWFB04_032618	03/27/18

Batch ID: BC81177 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/26/18
18C0928-02	GWFB04_032618	03/26/18
BC81177-BLK1	Blank	03/26/18
BC81177-BS1	LCS	03/26/18
BC81177-DUP1	Duplicate	03/26/18
BC81177-MS1	Matrix Spike	03/26/18

Batch ID: BC81185 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/27/18
18C0928-01	MW107_032618	03/27/18
18C0928-02	GWFB04_032618	03/27/18
18C0928-02	GWFB04_032618	03/27/18
BC81185-BLK1	Blank	03/27/18
BC81185-BLK1	Blank	03/27/18
BC81185-BLK2	Blank	03/27/18
BC81185-BS1	LCS	03/27/18
BC81185-BS2	LCS	03/27/18
BC81185-BSD1	LCS Dup	03/27/18

Batch ID: BC81200 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/27/18
18C0928-02	GWFB04_032618	03/27/18
BC81200-BLK1	Blank	03/27/18
BC81200-BS1	LCS	03/27/18
BC81200-DUP1	Duplicate	03/27/18
BC81200-MS1	Matrix Spike	03/27/18

Batch ID: BC81201 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/27/18
18C0928-02	GWFB04_032618	03/27/18
BC81201-BLK1	Blank	03/27/18

BC81201-BS1	LCS	03/27/18
BC81201-DUP1	Duplicate	03/27/18
BC81201-MS1	Matrix Spike	03/27/18

Batch ID: BC81241 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/28/18
18C0928-02	GWFB04_032618	03/28/18
18C0928-03	GWTB04_032618	03/28/18
BC81241-BLK1	Blank	03/28/18
BC81241-BS1	LCS	03/28/18
BC81241-BSD1	LCS Dup	03/28/18

Batch ID: BC81244 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/28/18
18C0928-01	MW107_032618	03/28/18
18C0928-02	GWFB04_032618	03/28/18
18C0928-02	GWFB04_032618	03/28/18
BC81244-BLK1	Blank	03/28/18
BC81244-BLK2	Blank	03/28/18
BC81244-BS1	LCS	03/28/18
BC81244-BS2	LCS	03/28/18
BC81244-BSD1	LCS Dup	03/28/18
BC81244-BSD2	LCS Dup	03/28/18

Batch ID: BC81248 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/28/18
18C0928-02	GWFB04_032618	03/28/18
BC81248-BLK1	Blank	03/28/18
BC81248-BS1	LCS	03/28/18

Batch ID: BC81253 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/28/18
18C0928-02	GWFB04_032618	03/28/18
BC81253-BLK1	Blank	03/28/18
BC81253-BS1	LCS	03/28/18
BC81253-DUP1	Duplicate	03/28/18
BC81253-MS1	Matrix Spike	03/28/18

Batch ID: BC81254 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/28/18
18C0928-02	GWFB04_032618	03/28/18
BC81254-BLK1	Blank	03/28/18
BC81254-BS1	LCS	03/28/18
BC81254-DUP1	Duplicate	03/28/18
BC81254-MS1	Matrix Spike	03/28/18

Batch ID: BC81338 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/29/18
18C0928-02	GWFB04_032618	03/29/18
BC81338-BLK1	Blank	03/29/18
BC81338-SRM1	Reference	03/29/18

Batch ID: BC81413 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	03/30/18
18C0928-02	GWFB04_032618	03/30/18
BC81413-BLK1	Blank	03/30/18
BC81413-DUP1	Duplicate	03/30/18
BC81413-MS1	Matrix Spike	03/30/18
BC81413-SRM1	Reference	03/30/18

Batch ID: BD80006 **Preparation Method:** EPA 3535A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	04/02/18
18C0928-02	GWFB04_032618	04/02/18
BD80006-BLK1	Blank	04/02/18
BD80006-BS1	LCS	04/02/18
BD80006-BSD1	LCS Dup	04/02/18

Batch ID: BD80050 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18C0928-01	MW107_032618	04/02/18
18C0928-02	GWFB04_032618	04/02/18

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81241 - EPA 5030B											
Blank (BC81241-BLK1)											Prepared & Analyzed: 03/28/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	1.60	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81241 - EPA 5030B											
Blank (BC81241-BLK1)											Prepared & Analyzed: 03/28/2018
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*69-130*				
Surrogate: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS (BC81241-BS1)											Prepared & Analyzed: 03/28/2018
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.08		"	10.0		90.8	54-165				
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123				
1,1-Dichloroethane	11.3		"	10.0		113	82-129				
1,1-Dichloroethylene	11.1		"	10.0		111	68-138				
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136				
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128				
1,2,4-Trichlorobenzene	10.9		"	10.0		109	76-137				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123				
1,2-Dichloroethane	11.9		"	10.0		119	73-132				
1,2-Dichloropropane	11.5		"	10.0		115	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
1,4-Dioxane	264		"	210		125	10-349				
2-Butanone	10.9		"	10.0		109	49-152				
2-Hexanone	12.3		"	10.0		123	51-146				
4-Methyl-2-pentanone	12.3		"	10.0		123	57-145				
Acetone	11.6		"	10.0		116	14-150				
Acrolein	7.97		"	10.0		79.7	10-153				
Acrylonitrile	10.9		"	10.0		109	51-150				
Benzene	10.6		"	10.0		106	85-126				
Bromochloromethane	12.1		"	10.0		121	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81241 - EPA 5030B											
LCS (BC81241-BS1)								Prepared & Analyzed: 03/28/2018			
Bromodichloromethane	10.7		ug/L	10.0		107	79-128				
Bromoform	10.1		"	10.0		101	78-133				
Bromomethane	3.71		"	10.0		37.1	43-168	Low Bias			
Carbon disulfide	10.1		"	10.0		101	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.6		"	10.0		106	88-120				
Chloroethane	10.7		"	10.0		107	65-136				
Chloroform	10.7		"	10.0		107	82-128				
Chloromethane	9.64		"	10.0		96.4	43-155				
cis-1,2-Dichloroethylene	11.6		"	10.0		116	83-129				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	80-131				
Cyclohexane	11.2		"	10.0		112	63-149				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	10.7		"	10.0		107	72-134				
Dichlorodifluoromethane	7.60		"	10.0		76.0	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	10.6		"	10.0		106	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl acetate	11.3		"	10.0		113	51-139				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135				
Methylcyclohexane	9.35		"	10.0		93.5	72-143				
Methylene chloride	11.3		"	10.0		113	55-137				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butyl alcohol (TBA)	30.6		"	50.0		61.2	25-162				
tert-Butylbenzene	10.5		"	10.0		105	77-138				
Tetrachloroethylene	9.09		"	10.0		90.9	82-131				
Toluene	10.8		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	11.3		"	10.0		113	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	10.4		"	10.0		104	67-139				
Vinyl Chloride	10.2		"	10.0		102	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*69-130*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

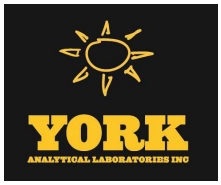
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81241 - EPA 5030B											
LCS Dup (BC81241-BSD1)								Prepared & Analyzed: 03/28/2018			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		2.84	30	
1,1,1-Trichloroethane	9.78		"	10.0		97.8	78-136		6.43	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		4.26	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.11		"	10.0		71.1	54-165		24.3	30	
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123		4.10	30	
1,1-Dichloroethane	11.0		"	10.0		110	82-129		2.78	30	
1,1-Dichloroethylene	10.2		"	10.0		102	68-138		8.93	30	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	76-136		7.17	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		2.68	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		7.41	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		4.39	30	
1,2-Dibromo-3-chloropropane	9.93		"	10.0		99.3	45-147		7.18	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		3.81	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		3.24	30	
1,2-Dichloroethane	11.5		"	10.0		115	73-132		3.16	30	
1,2-Dichloropropane	11.3		"	10.0		113	78-126		1.84	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		4.92	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		4.23	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		3.22	30	
1,4-Dioxane	258		"	210		123	10-349		2.21	30	
2-Butanone	10.6		"	10.0		106	49-152		2.79	30	
2-Hexanone	11.7		"	10.0		117	51-146		4.92	30	
4-Methyl-2-pentanone	12.0		"	10.0		120	57-145		2.30	30	
Acetone	11.2		"	10.0		112	14-150		3.87	30	
Acrolein	7.33		"	10.0		73.3	10-153		8.37	30	
Acrylonitrile	10.7		"	10.0		107	51-150		2.22	30	
Benzene	10.3		"	10.0		103	85-126		3.54	30	
Bromochloromethane	11.7		"	10.0		117	77-128		2.94	30	
Bromodichloromethane	10.4		"	10.0		104	79-128		2.74	30	
Bromoform	9.98		"	10.0		99.8	78-133		1.49	30	
Bromomethane	4.90		"	10.0		49.0	43-168		27.6	30	
Carbon disulfide	9.44		"	10.0		94.4	68-146		6.36	30	
Carbon tetrachloride	9.76		"	10.0		97.6	77-141		7.31	30	
Chlorobenzene	10.2		"	10.0		102	88-120		3.36	30	
Chloroethane	10.4		"	10.0		104	65-136		2.56	30	
Chloroform	10.4		"	10.0		104	82-128		2.75	30	
Chloromethane	9.25		"	10.0		92.5	43-155		4.13	30	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129		2.10	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		1.74	30	
Cyclohexane	8.95		"	10.0		89.5	63-149		22.3	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		2.67	30	
Dibromomethane	10.2		"	10.0		102	72-134		4.80	30	
Dichlorodifluoromethane	5.80		"	10.0		58.0	44-144		26.9	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		4.33	30	
Hexachlorobutadiene	9.75		"	10.0		97.5	67-146		8.64	30	
Isopropylbenzene	9.97		"	10.0		99.7	76-140		5.08	30	
Methyl acetate	9.99		"	10.0		99.9	51-139		12.3	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		2.24	30	
Methylcyclohexane	7.33		"	10.0		73.3	72-143		24.2	30	
Methylene chloride	11.0		"	10.0		110	55-137		2.50	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		6.70	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81241 - EPA 5030B											
LCS Dup (BC81241-BSD1)								Prepared & Analyzed: 03/28/2018			
n-Propylbenzene	10.2		ug/L	10.0		102	78-133		4.85	30	
o-Xylene	10.7		"	10.0		107	78-130		2.68	30	
p- & m- Xylenes	21.1		"	20.0		106	77-133		3.17	30	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		6.53	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		6.76	30	
Styrene	10.4		"	10.0		104	67-132		3.98	30	
tert-Butyl alcohol (TBA)	29.8		"	50.0		59.7	25-162		2.55	30	
tert-Butylbenzene	9.94		"	10.0		99.4	77-138		5.38	30	
Tetrachloroethylene	8.62		"	10.0		86.2	82-131		5.31	30	
Toluene	10.2		"	10.0		102	80-127		4.76	30	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132		4.26	30	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131		1.18	30	
Trichloroethylene	9.88		"	10.0		98.8	82-128		3.58	30	
Trichlorofluoromethane	8.72		"	10.0		87.2	67-139		18.0	30	
Vinyl Chloride	9.35		"	10.0		93.5	58-145		8.99	30	
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

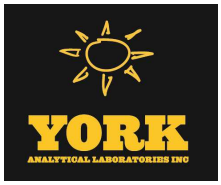
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81185 - EPA 3510C											
Blank (BC81185-BLK1)											
Prepared & Analyzed: 03/27/2018											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81185 - EPA 3510C											
Blank (BC81185-BLK1)											Prepared & Analyzed: 03/27/2018
Surrogate: 2-Fluorophenol	*24.3*		*ug/L*	*77.0*		*31.5*	*19.7-63.1*				
Surrogate: Phenol-d5	*16.5*		*"*	*75.7*		*21.8*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*33.8*		*"*	*50.2*		*67.2*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*30.4*		*"*	*48.8*		*62.2*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*58.2*		*"*	*77.0*		*75.5*	*39.3-151*				
Surrogate: Terphenyl-d14	*26.3*		*"*	*50.2*		*52.3*	*30.7-106*				
Blank (BC81185-BLK2)											Prepared: 03/27/2018 Analyzed: 03/28/2018
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81185 - EPA 3510C											
LCS (BC81185-BS1)								Prepared & Analyzed: 03/27/2018			
1,1-Biphenyl	19.6	5.00	ug/L	25.0		78.4	33-95				
1,2,4,5-Tetrachlorobenzene	19.1	5.00	"	25.0		76.5	26-120				
1,2-Diphenylhydrazine (as Azobenzene)	22.6	5.00	"	25.0		90.2	16-141				
2,3,4,6-Tetrachlorophenol	16.5	5.00	"	25.0		65.8	30-130				
2,4,5-Trichlorophenol	17.3	5.00	"	25.0		69.1	32-114				
2,4,6-Trichlorophenol	19.6	5.00	"	25.0		78.4	35-118				
2,4-Dichlorophenol	19.8	5.00	"	25.0		79.1	25-116				
2,4-Dimethylphenol	21.1	5.00	"	25.0		84.4	15-116				
2,4-Dinitrophenol	19.8	5.00	"	25.0		79.1	10-170				
2,4-Dinitrotoluene	21.1	5.00	"	25.0		84.3	41-128				
2,6-Dinitrotoluene	20.9	5.00	"	25.0		83.5	45-116				
2-Chloronaphthalene	18.5	5.00	"	25.0		74.0	33-112				
2-Chlorophenol	18.1	5.00	"	25.0		72.2	15-120				
2-Methylnaphthalene	20.7	5.00	"	25.0		83.0	24-118				
2-Methylphenol	15.2	5.00	"	25.0		60.9	10-110				
2-Nitroaniline	20.1	5.00	"	25.0		80.3	34-129				
2-Nitrophenol	18.9	5.00	"	25.0		75.6	28-118				
3- & 4-Methylphenols	13.8	5.00	"	25.0		55.2	10-107				
3,3-Dichlorobenzidine	22.6	5.00	"	25.0		90.5	15-187				
3-Nitroaniline	17.9	5.00	"	25.0		71.6	24-134				
4,6-Dinitro-2-methylphenol	20.3	5.00	"	25.0		81.0	10-153				
4-Bromophenyl phenyl ether	23.2	5.00	"	25.0		92.7	34-120				
4-Chloro-3-methylphenol	21.0	5.00	"	25.0		84.0	20-120				
4-Chloroaniline	13.5	5.00	"	25.0		54.2	10-147				
4-Chlorophenyl phenyl ether	22.4	5.00	"	25.0		89.6	27-121				
4-Nitroaniline	27.9	5.00	"	25.0		112	13-134				
4-Nitrophenol	9.08	5.00	"	25.0		36.3	10-131				
Acetophenone	21.9	5.00	"	25.0		87.4	25-110				
Aniline	12.6	5.00	"	25.0		50.5	10-117				
Benzaldehyde	32.2	5.00	"	25.0		129	29-117	High Bias			
Benzoic acid	6.58	50.0	"	29.0		22.7	30-130	Low Bias			
Benzyl alcohol	13.5	5.00	"	25.0		54.0	10-117				
Benzyl butyl phthalate	21.2	5.00	"	25.0		84.8	29-133				
Bis(2-chloroethoxy)methane	23.9	5.00	"	25.0		95.6	10-154				
Bis(2-chloroethyl)ether	20.0	5.00	"	25.0		80.0	17-125				
Bis(2-chloroisopropyl)ether	32.1	5.00	"	25.0		129	10-139				
Caprolactam	3.63	5.00	"	25.0		14.5	10-137				
Carbazole	32.1	5.00	"	25.0		129	42-126	High Bias			
Dibenzofuran	21.3	5.00	"	25.0		85.2	36-113				
Diethyl phthalate	21.1	5.00	"	25.0		84.4	38-115				
Dimethyl phthalate	21.1	5.00	"	25.0		84.6	38-129				
Di-n-butyl phthalate	22.1	5.00	"	25.0		88.4	31-120				
Di-n-octyl phthalate	22.5	5.00	"	25.0		89.8	21-149				
Diphenylamine	24.5	5.00	"	25.0		98.1	40-140				
Hexachlorocyclopentadiene	19.6	10.0	"	25.0		78.4	10-130				
Isophorone	22.6	5.00	"	25.0		90.4	25-127				
N-nitroso-di-n-propylamine	23.6	5.00	"	25.0		94.4	26-122				
N-Nitrosodiphenylamine	23.6	5.00	"	25.0		94.3	23-149				
Phenol	7.86	5.00	"	25.0		31.4	10-110				
Pyridine	7.75	5.00	"	25.0		31.0	10-90				
Surrogate: 2-Fluorophenol	*28.9*		*"*	*77.0*		*37.5*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81185 - EPA 3510C											
LCS (BC81185-BS1)									Prepared & Analyzed: 03/27/2018		
Surrogate: Phenol-d5	*19.6*		*ug/L*	*75.7*		*25.9*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*35.4*		*"*	*50.2*		*70.5*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*27.8*		*"*	*48.8*		*56.9*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*64.3*		*"*	*77.0*		*83.5*	*39.3-151*				
Surrogate: Terphenyl-d14	*28.7*		*"*	*50.2*		*57.2*	*30.7-106*				
LCS (BC81185-BS2)									Prepared: 03/27/2018 Analyzed: 03/28/2018		
Acenaphthene	0.690	0.0500	ug/L	1.00		69.0	25-116				
Acenaphthylene	0.730	0.0500	"	1.00		73.0	26-116				
Anthracene	0.720	0.0500	"	1.00		72.0	25-123				
Benzo(a)anthracene	0.770	0.0500	"	1.00		77.0	33-125				
Benzo(a)pyrene	0.770	0.0500	"	1.00		77.0	32-132				
Benzo(b)fluoranthene	0.780	0.0500	"	1.00		78.0	22-137				
Benzo(g,h,i)perylene	0.800	0.0500	"	1.00		80.0	10-138				
Benzo(k)fluoranthene	0.770	0.0500	"	1.00		77.0	20-137				
Bis(2-ethylhexyl)phthalate	0.770	0.500	"	1.00		77.0	10-189				
Chrysene	0.720	0.0500	"	1.00		72.0	32-124				
Dibenzo(a,h)anthracene	0.740	0.0500	"	1.00		74.0	16-133				
Fluoranthene	0.800	0.0500	"	1.00		80.0	32-121				
Fluorene	0.760	0.0500	"	1.00		76.0	28-118				
Hexachlorobenzene	0.790	0.0200	"	1.00		79.0	23-124				
Hexachlorobutadiene	0.510	0.500	"	1.00		51.0	15-123				
Hexachloroethane	0.510	0.500	"	1.00		51.0	18-115				
Indeno(1,2,3-cd)pyrene	0.750	0.0500	"	1.00		75.0	15-135				
Naphthalene	0.720	0.0500	"	1.00		72.0	18-120				
Nitrobenzene	1.01	0.250	"	1.00		101	21-121				
N-Nitrosodimethylamine	0.220	0.500	"	1.00		22.0	10-124				
Pentachlorophenol	0.730	0.250	"	1.00		73.0	10-156				
Phenanthrene	0.760	0.0500	"	1.00		76.0	24-127				
Pyrene	0.770	0.0500	"	1.00		77.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81185 - EPA 3510C											
LCS Dup (BC81185-BSD1)							Prepared & Analyzed: 03/27/2018				
1,1-Biphenyl	17.3	5.00	ug/L	25.0		69.4	33-95		12.2	20	
1,2,4,5-Tetrachlorobenzene	17.5	5.00	"	25.0		70.0	26-120		8.96	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.2	5.00	"	25.0		68.9	16-141		26.7	20	Non-dir.
2,3,4,6-Tetrachlorophenol	30.9	5.00	"	25.0		124	30-130		61.1	20	Non-dir.
2,4,5-Trichlorophenol	16.0	5.00	"	25.0		64.1	32-114		7.51	20	
2,4,6-Trichlorophenol	17.5	5.00	"	25.0		70.2	35-118		11.1	20	
2,4-Dichlorophenol	18.3	5.00	"	25.0		73.0	25-116		7.99	20	
2,4-Dimethylphenol	19.0	5.00	"	25.0		75.9	15-116		10.6	20	
2,4-Dinitrophenol	17.4	5.00	"	25.0		69.4	10-170		13.0	20	
2,4-Dinitrotoluene	18.4	5.00	"	25.0		73.6	41-128		13.5	20	
2,6-Dinitrotoluene	18.5	5.00	"	25.0		74.2	45-116		11.8	20	
2-Chloronaphthalene	16.6	5.00	"	25.0		66.4	33-112		10.8	20	
2-Chlorophenol	16.4	5.00	"	25.0		65.6	15-120		9.70	20	
2-Methylnaphthalene	18.8	5.00	"	25.0		75.3	24-118		9.71	20	
2-Methylphenol	13.7	5.00	"	25.0		54.6	10-110		10.9	20	
2-Nitroaniline	17.7	5.00	"	25.0		70.9	34-129		12.4	20	
2-Nitrophenol	17.5	5.00	"	25.0		70.0	28-118		7.69	20	
3- & 4-Methylphenols	12.4	5.00	"	25.0		49.4	10-107		11.0	20	
3,3-Dichlorobenzidine	18.6	5.00	"	25.0		74.2	15-187		19.8	20	
3-Nitroaniline	15.2	5.00	"	25.0		60.8	24-134		16.3	20	
4,6-Dinitro-2-methylphenol	17.5	5.00	"	25.0		69.9	10-153		14.8	20	
4-Bromophenyl phenyl ether	20.7	5.00	"	25.0		82.8	34-120		11.3	20	
4-Chloro-3-methylphenol	18.8	5.00	"	25.0		75.1	20-120		11.2	20	
4-Chloroaniline	12.1	5.00	"	25.0		48.4	10-147		11.2	20	
4-Chlorophenyl phenyl ether	20.1	5.00	"	25.0		80.3	27-121		10.9	20	
4-Nitroaniline	23.9	5.00	"	25.0		95.8	13-134		15.3	20	
4-Nitrophenol	8.31	5.00	"	25.0		33.2	10-131		8.86	20	
Acetophenone	19.2	5.00	"	25.0		77.0	25-110		12.7	20	
Aniline	10.7	5.00	"	25.0		42.8	10-117		16.5	20	
Benzaldehyde	28.5	5.00	"	25.0		114	29-117		12.0	20	
Benzoic acid	6.14	50.0	"	29.0		21.2	30-130	Low Bias	6.92	20	
Benzyl alcohol	12.2	5.00	"	25.0		48.9	10-117		9.95	20	
Benzyl butyl phthalate	17.9	5.00	"	25.0		71.5	29-133		17.1	20	
Bis(2-chloroethoxy)methane	21.8	5.00	"	25.0		87.1	10-154		9.32	20	
Bis(2-chloroethyl)ether	18.0	5.00	"	25.0		71.8	17-125		10.7	20	
Bis(2-chloroisopropyl)ether	28.7	5.00	"	25.0		115	10-139		11.4	20	
Caprolactam	3.08	5.00	"	25.0		12.3	10-137		16.4	20	
Carbazole	27.3	5.00	"	25.0		109	42-126		16.1	20	
Dibenzofuran	19.1	5.00	"	25.0		76.5	36-113		10.7	20	
Diethyl phthalate	18.9	5.00	"	25.0		75.5	38-115		11.1	20	
Dimethyl phthalate	18.8	5.00	"	25.0		75.4	38-129		11.5	20	
Di-n-butyl phthalate	19.3	5.00	"	25.0		77.2	31-120		13.6	20	
Di-n-octyl phthalate	19.0	5.00	"	25.0		75.8	21-149		16.9	20	
Diphenylamine	21.0	5.00	"	25.0		84.0	40-140		15.6	20	
Hexachlorocyclopentadiene	17.6	10.0	"	25.0		70.5	10-130		10.6	20	
Isophorone	20.3	5.00	"	25.0		81.3	25-127		10.5	20	
N-nitroso-di-n-propylamine	21.4	5.00	"	25.0		85.4	26-122		9.96	20	
N-Nitrosodiphenylamine	20.9	5.00	"	25.0		83.6	23-149		12.0	20	
Phenol	7.20	5.00	"	25.0		28.8	10-110		8.76	20	
Pyridine	5.97	5.00	"	25.0		23.9	10-90		25.9	20	Non-dir.
Surrogate: 2-Fluorophenol	*25.6*		*"*	*77.0*		*33.2*	*19.7-63.1*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81185 - EPA 3510C											
LCS Dup (BC81185-BSD1)											Prepared & Analyzed: 03/27/2018
Surrogate: Phenol-d5	*16.5*		*ug/L*	*75.7*		*21.8*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*31.9*		*"*	*50.2*		*63.6*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*24.3*		*"*	*48.8*		*49.8*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*55.5*		*"*	*77.0*		*72.1*	*39.3-151*				
Surrogate: Terphenyl-d14	*24.1*		*"*	*50.2*		*47.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS TIC - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81185 - EPA 3510C											
Blank (BC81185-BLK1)											Prepared & Analyzed: 03/27/2018
Tentatively Identified Compounds	0.00		ug/L								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81244 - EPA SW846-3510C Low Level											
Blank (BC81244-BLK1)									Prepared: 03/28/2018 Analyzed: 03/29/2018		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.221*		*"*	*0.209*		*106*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.176*		*"*	*0.202*		*87.0*	*30-150*				
LCS (BC81244-BS1)									Prepared: 03/28/2018 Analyzed: 03/29/2018		
4,4'-DDD	0.132	0.00400	ug/L	0.100		132	40-140				
4,4'-DDE	0.112	0.00400	"	0.100		112	40-140				
4,4'-DDT	0.133	0.00400	"	0.100		133	40-140				
Aldrin	0.0852	0.00400	"	0.100		85.2	40-140				
alpha-BHC	0.0898	0.00400	"	0.100		89.8	40-140				
alpha-Chlordane	0.0933	0.00400	"	0.100		93.3	40-140				
beta-BHC	0.102	0.00400	"	0.100		102	40-140				
delta-BHC	0.111	0.00400	"	0.100		111	40-140				
Dieldrin	0.108	0.00200	"	0.100		108	40-140				
Endosulfan I	0.108	0.00400	"	0.100		108	40-140				
Endosulfan II	0.115	0.00400	"	0.100		115	40-140				
Endosulfan sulfate	0.131	0.00400	"	0.100		131	40-140				
Endrin	0.115	0.00400	"	0.100		115	40-140				
Endrin aldehyde	0.138	0.0100	"	0.100		138	40-140				
Endrin ketone	0.127	0.0100	"	0.100		127	40-140				
gamma-BHC (Lindane)	0.0911	0.00400	"	0.100		91.1	40-140				
gamma-Chlordane	0.0928	0.0100	"	0.100		92.8	40-140				
Heptachlor	0.0908	0.00400	"	0.100		90.8	40-140				
Heptachlor epoxide	0.0963	0.00400	"	0.100		96.3	40-140				
Methoxychlor	0.134	0.00400	"	0.100		134	40-140				
Surrogate: Decachlorobiphenyl	*0.179*		*"*	*0.209*		*85.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.144*		*"*	*0.202*		*71.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81244 - EPA SW846-3510C Low Level											
LCS Dup (BC81244-BSD1)									Prepared: 03/28/2018 Analyzed: 03/29/2018		
4,4'-DDD	0.124	0.00400	ug/L	0.100		124	40-140		6.17	20	
4,4'-DDE	0.109	0.00400	"	0.100		109	40-140		2.82	20	
4,4'-DDT	0.125	0.00400	"	0.100		125	40-140		6.76	20	
Aldrin	0.0899	0.00400	"	0.100		89.9	40-140		5.34	20	
alpha-BHC	0.0989	0.00400	"	0.100		98.9	40-140		9.63	20	
alpha-Chlordane	0.0932	0.00400	"	0.100		93.2	40-140		0.128	20	
beta-BHC	0.110	0.00400	"	0.100		110	40-140		6.67	20	
delta-BHC	0.115	0.00400	"	0.100		115	40-140		3.32	20	
Dieldrin	0.106	0.00200	"	0.100		106	40-140		2.15	20	
Endosulfan I	0.107	0.00400	"	0.100		107	40-140		1.54	20	
Endosulfan II	0.111	0.00400	"	0.100		111	40-140		3.46	20	
Endosulfan sulfate	0.124	0.00400	"	0.100		124	40-140		6.06	20	
Endrin	0.112	0.00400	"	0.100		112	40-140		1.99	20	
Endrin aldehyde	0.126	0.0100	"	0.100		126	40-140		9.36	20	
Endrin ketone	0.125	0.0100	"	0.100		125	40-140		1.11	20	
gamma-BHC (Lindane)	0.0977	0.00400	"	0.100		97.7	40-140		7.01	20	
gamma-Chlordane	0.0920	0.0100	"	0.100		92.0	40-140		0.820	20	
Heptachlor	0.0950	0.00400	"	0.100		95.0	40-140		4.58	20	
Heptachlor epoxide	0.0970	0.00400	"	0.100		97.0	40-140		0.723	20	
Methoxychlor	0.132	0.00400	"	0.100		132	40-140		1.43	20	
Surrogate: Decachlorobiphenyl	*0.189*		*"*	*0.209*		*90.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.157*		*"*	*0.202*		*77.9*	*30-150*				
Batch Y7K2801 - BK71080											
Performance Mix (Y7K2801-PEM1)									Prepared & Analyzed: 11/27/2017		
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.145		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	78.5		"	100		78.5	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	3.33		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y8C3001 - BC80734											
Performance Mix (Y8C3001-PEM1)							Prepared & Analyzed: 03/29/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.809		"	0.00			0-200				
4,4'-DDT	189		"	200		94.4	0-200				
Endrin	116		"	100		116	0-200				
Endrin aldehyde	0.332		"	0.00			0-200				
Endrin ketone	1.86		"	0.00			0-200				
Batch Y8D0201 - BC80734											
Performance Mix (Y8D0201-PEM1)							Prepared & Analyzed: 03/30/2018				
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.770		"	0.00			0-200				
4,4'-DDT	234		"	200		117	0-200				
Endrin	143		"	100		143	0-200				
Endrin aldehyde	0.988		"	0.00			0-200				
Endrin ketone	2.89		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81244 - EPA SW846-3510C Low Level											
Blank (BC81244-BLK2)								Prepared & Analyzed: 03/28/2018			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.176*		*"*	*0.202*		*87.1*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.168*		*"*	*0.209*		*80.4*	*30-120*				
LCS (BC81244-BS2)								Prepared & Analyzed: 03/28/2018			
Aroclor 1016	1.06	0.0500	ug/L	1.00		106	40-120				
Aroclor 1260	1.11	0.0500	"	1.00		111	40-120				
Surrogate: Tetrachloro-m-xylene	*0.149*		*"*	*0.202*		*73.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.153*		*"*	*0.209*		*73.2*	*30-120*				
LCS Dup (BC81244-BSD2)								Prepared & Analyzed: 03/28/2018			
Aroclor 1016	1.00	0.0500	ug/L	1.00		100	40-120		5.30	30	
Aroclor 1260	1.05	0.0500	"	1.00		105	40-120		5.96	30	
Surrogate: Tetrachloro-m-xylene	*0.143*		*"*	*0.202*		*70.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.144*		*"*	*0.209*		*68.9*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80006 - EPA 3535A											
Blank (BD80006-BLK1)								Prepared & Analyzed: 04/02/2018			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*154*		*"*	*125*		*123*	*30-150*				
LCS (BD80006-BS1)								Prepared & Analyzed: 04/02/2018			
2,4,5-T	35.8	5.00	ug/L	40.0		89.4	40-140				
2,4,5-TP (Silvex)	34.5	5.00	"	40.0		86.2	40-140				
2,4-D	38.5	5.00	"	40.0		96.2	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*152*		*"*	*125*		*122*	*30-150*				
LCS Dup (BD80006-BSD1)								Prepared & Analyzed: 04/02/2018			
2,4,5-T	37.8	5.00	ug/L	40.0		94.4	40-140		5.44	30	
2,4,5-TP (Silvex)	36.2	5.00	"	40.0		90.6	40-140		4.95	30	
2,4-D	40.5	5.00	"	40.0		101	40-140		5.06	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*161*		*"*	*125*		*129*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81200 - EPA 3015A											
Blank (BC81200-BLK1)											Prepared & Analyzed: 03/27/2018
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.00556	"								
Iron	ND	0.0222	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0167	"								
LCS (BC81200-BS1)											Prepared & Analyzed: 03/27/2018
Aluminum	1.91		ug/mL	2.00		95.5	80-120				
Barium	1.95		"	2.00		97.7	80-120				
Calcium	9.93		"	10.0		99.3	80-120				
Chromium	0.206		"	0.200		103	80-120				
Copper	0.251		"	0.250		100	80-120				
Iron	0.955		"	1.00		95.5	80-120				
Lead	0.486		"	0.500		97.2	80-120				
Magnesium	10.2		"	10.0		102	80-120				
Manganese	0.491		"	0.500		98.3	80-120				
Nickel	0.493		"	0.500		98.5	80-120				
Potassium	8.41		"	10.0		84.1	80-120				
Silver	0.0500		"	0.0500		100	80-120				
Sodium	10.5		"	10.0		105	80-120				
Vanadium	0.490		"	0.500		97.9	80-120				
Zinc	0.475		"	0.500		95.1	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81200 - EPA 3015A											
Duplicate (BC81200-DUP1)	*Source sample: 18C0928-01 (MW107_032618)							Prepared & Analyzed: 03/27/2018			
Aluminum	0.391	0.0556	mg/L		0.404				3.31	20	
Barium	0.0580	0.0111	"		0.0585				0.911	20	
Calcium	17.9	0.0556	"		19.5				8.29	20	
Chromium	0.00558	0.00556	"		ND					20	
Copper	0.00633	0.00556	"		0.00767				19.3	20	
Iron	0.862	0.0222	"		0.868				0.677	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	6.15	0.0556	"		6.39				3.77	20	
Manganese	0.104	0.00556	"		0.103				0.450	20	
Nickel	ND	0.00556	"		ND					20	
Potassium	3.78	0.0556	"		4.82				24.2	20	Non-dir.
Silver	ND	0.00556	"		ND					20	
Sodium	64.8	0.111	"		60.7				6.52	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0167	"		ND					20	
Matrix Spike (BC81200-MS1)	*Source sample: 18C0928-01 (MW107_032618)							Prepared & Analyzed: 03/27/2018			
Barium	2.12	0.0111	mg/L	2.22	0.0585	92.7	75-125				
Chromium	0.218	0.00556	"	0.222	ND	98.2	75-125				
Copper	0.286	0.00556	"	0.278	0.00767	100	75-125				
Iron	1.91	0.0222	"	1.11	0.868	93.7	75-125				
Lead	0.501	0.00556	"	0.556	ND	90.1	75-125				
Manganese	0.624	0.00556	"	0.556	0.103	93.8	75-125				
Nickel	0.534	0.00556	"	0.556	ND	96.1	75-125				
Silver	0.0520	0.00556	"	0.0556	ND	93.6	75-125				
Vanadium	0.524	0.0111	"	0.556	ND	94.3	75-125				
Zinc	0.512	0.0167	"	0.556	ND	92.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81253 - EPA 3015A											
Blank (BC81253-BLK1)											Prepared & Analyzed: 03/28/2018
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0111	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Copper - Dissolved	ND	0.00556	"								
Iron - Dissolved	ND	0.0222	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.00556	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.111	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0167	"								
LCS (BC81253-BS1)											Prepared & Analyzed: 03/28/2018
Aluminum - Dissolved	2.18		ug/mL	2.00		109	80-120				
Barium - Dissolved	2.01		"	2.00		100	80-120				
Calcium - Dissolved	9.49		"	10.0		94.9	80-120				
Chromium - Dissolved	0.217		"	0.200		108	80-120				
Copper - Dissolved	0.256		"	0.250		102	80-120				
Iron - Dissolved	1.04		"	1.00		104	80-120				
Lead - Dissolved	0.510		"	0.500		102	80-120				
Magnesium - Dissolved	10.5		"	10.0		105	80-120				
Manganese - Dissolved	0.506		"	0.500		101	80-120				
Nickel - Dissolved	0.515		"	0.500		103	80-120				
Potassium - Dissolved	9.34		"	10.0		93.4	80-120				
Silver - Dissolved	0.0495		"	0.0500		99.0	80-120				
Sodium - Dissolved	9.38		"	10.0		93.8	80-120				
Vanadium - Dissolved	0.503		"	0.500		101	80-120				
Zinc - Dissolved	0.502		"	0.500		100	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81253 - EPA 3015A											
Duplicate (BC81253-DUP1)	*Source sample: 18C0928-02 (GWFB04_032618)								Prepared & Analyzed: 03/28/2018		
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	ND	0.0111	"		ND					20	
Calcium - Dissolved	ND	0.0556	"		ND					20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Copper - Dissolved	ND	0.00556	"		ND					20	
Iron - Dissolved	ND	0.0222	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	ND	0.0556	"		ND					20	
Manganese - Dissolved	ND	0.00556	"		ND					20	
Nickel - Dissolved	ND	0.00556	"		ND					20	
Potassium - Dissolved	ND	0.0556	"		ND					20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	ND	0.111	"		ND					20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0167	"		ND					20	
Matrix Spike (BC81253-MS1)	*Source sample: 18C0928-02 (GWFB04_032618)								Prepared & Analyzed: 03/28/2018		
Barium - Dissolved	2.19	0.0111	mg/L	2.22	ND	98.6	75-125				
Chromium - Dissolved	0.228	0.00556	"	0.222	ND	102	75-125				
Copper - Dissolved	0.274	0.00556	"	0.278	ND	98.6	75-125				
Iron - Dissolved	1.07	0.0222	"	1.11	ND	95.9	75-125				
Lead - Dissolved	0.534	0.00556	"	0.556	ND	96.0	75-125				
Manganese - Dissolved	0.552	0.00556	"	0.556	ND	99.4	75-125				
Nickel - Dissolved	0.545	0.00556	"	0.556	ND	98.1	75-125				
Silver - Dissolved	0.0550	0.00556	"	0.0556	ND	99.1	75-125				
Vanadium - Dissolved	0.549	0.0111	"	0.556	ND	98.8	75-125				
Zinc - Dissolved	0.539	0.0167	"	0.556	ND	97.0	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81201 - EPA 3015A											
Blank (BC81201-BLK1)								Prepared & Analyzed: 03/27/2018			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.00111	"								
Cadmium	ND	0.00111	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BC81201-BS1)								Prepared & Analyzed: 03/27/2018			
Antimony	44.2		ug/L	50.0		88.4	80-120				
Arsenic	44.9		"	50.0		89.8	80-120				
Beryllium	56.4		"	50.0		113	80-120				
Cadmium	46.0		"	50.0		91.9	80-120				
Selenium	50.1		"	50.0		100	80-120				
Thallium	40.5		"	50.0		81.1	80-120				
Duplicate (BC81201-DUP1)	*Source sample: 18C0928-01 (MW107_032618)							Prepared & Analyzed: 03/27/2018			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00130	0.00111	"		0.00131				0.720	20	
Beryllium	ND	0.00111	"		ND					20	
Cadmium	ND	0.00111	"		ND					20	
Selenium	ND	0.00111	"		0.00243					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BC81201-MS1)	*Source sample: 18C0928-01 (MW107_032618)							Prepared & Analyzed: 03/27/2018			
Antimony	44.1		ug/L	50.0	0.584	87.0	75-125				
Arsenic	43.2		"	50.0	1.18	84.0	75-125				
Beryllium	48.0		"	50.0	0.024	96.0	75-125				
Cadmium	43.9		"	50.0	0.040	87.7	75-125				
Selenium	42.2		"	50.0	2.19	80.1	75-125				
Thallium	38.3		"	50.0	0.036	76.6	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81254 - EPA 3015A											
Blank (BC81254-BLK1)								Prepared & Analyzed: 03/28/2018			
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.00111	"								
Cadmium - Dissolved	ND	0.00111	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BC81254-BS1)								Prepared & Analyzed: 03/28/2018			
Antimony - Dissolved	39.2		ug/L	50.0		78.4	80-120	Low Bias			
Arsenic - Dissolved	38.3		"	50.0		76.6	80-120	Low Bias			
Beryllium - Dissolved	45.0		"	50.0		90.1	80-120				
Cadmium - Dissolved	39.1		"	50.0		78.2	80-120	Low Bias			
Selenium - Dissolved	37.8		"	50.0		75.6	80-120	Low Bias			
Thallium - Dissolved	43.3		"	50.0		86.5	80-120				
Duplicate (BC81254-DUP1)	*Source sample: 18C0928-02 (GWFB04_032618)							Prepared & Analyzed: 03/28/2018			
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	ND	0.00111	"		ND					20	
Beryllium - Dissolved	ND	0.00111	"		ND					20	
Cadmium - Dissolved	ND	0.00111	"		ND					20	
Selenium - Dissolved	ND	0.00111	"		ND					20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BC81254-MS1)	*Source sample: 18C0928-02 (GWFB04_032618)							Prepared & Analyzed: 03/28/2018			
Antimony - Dissolved	37.2		ug/L	50.0	-0.002	74.4	75-125	Low Bias			
Arsenic - Dissolved	37.5		"	50.0	0.063	74.8	75-125	Low Bias			
Beryllium - Dissolved	43.8		"	50.0	0.003	87.6	75-125				
Cadmium - Dissolved	37.7		"	50.0	0.002	75.4	75-125				
Selenium - Dissolved	37.9		"	50.0	0.368	75.1	75-125				
Thallium - Dissolved	40.7		"	50.0	0.050	81.3	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81338 - EPA 7473 water											
Blank (BC81338-BLK1)								Prepared & Analyzed: 03/29/2018			
Mercury	ND	0.00020	mg/L								
Reference (BC81338-SRM1)								Prepared & Analyzed: 03/29/2018			
Mercury	0.00814		mg/L	0.0100		81.4	70-130				
Batch BC81413 - EPA 7473 water											
Blank (BC81413-BLK1)								Prepared & Analyzed: 03/30/2018			
Mercury - Dissolved	ND	0.0002000	mg/L								
Duplicate (BC81413-DUP1)	*Source sample: 18C0928-02 (GWFB04_032618)							Prepared & Analyzed: 03/30/2018			
Mercury - Dissolved	ND	0.0002000	mg/L		ND					20	
Matrix Spike (BC81413-MS1)	*Source sample: 18C0928-02 (GWFB04_032618)							Prepared & Analyzed: 03/30/2018			
Mercury - Dissolved	0.01091		mg/L	0.0100	0.0001613	107	75-125				
Reference (BC81413-SRM1)								Prepared & Analyzed: 03/30/2018			
Mercury - Dissolved	0.009199		mg/L	0.0100		92.0	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81177 - Analysis Preparation											
Blank (BC81177-BLK1)								Prepared & Analyzed: 03/26/2018			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BC81177-BS1)								Prepared & Analyzed: 03/26/2018			
Chromium, Hexavalent	0.492	0.0100	mg/L	0.500		98.4	80-120				
Duplicate (BC81177-DUP1)	*Source sample: 18C0928-02 (GWFB04_032618)							Prepared & Analyzed: 03/26/2018			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BC81177-MS1)	*Source sample: 18C0928-02 (GWFB04_032618)							Prepared & Analyzed: 03/26/2018			
Chromium, Hexavalent	0.509	0.0100	mg/L	0.500	ND	102	75-125				
Batch BC81248 - Analysis Preparation											
Blank (BC81248-BLK1)								Prepared & Analyzed: 03/28/2018			
Cyanide, total	ND	0.0100	mg/L								
LCS (BC81248-BS1)								Prepared & Analyzed: 03/28/2018			
Cyanide, total	0.173	0.0100	mg/L	0.200		86.5	76.2-107				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18C0928-01	MW107_032618	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C0928-02	GWFB04_032618	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C0928-03	GWTB04_032618	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 18C0928

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LANGAN ENG.	Company: 11	Company: 11	170384501	RUSH - Next Day
Address: 360 W 31ST ST 8FL NEW YORK, NY 10001	Address:	Address:	YOUR Project Name: EOS Atlantic A~E25	RUSH - Two Day
Phone.: (212) 479-5400	Phone.:	Phone.:		RUSH - Three Day
Contact: KIM PELCOL	Contact:	Contact:		RUSH - Four Day
E-mail: KPELCOL@LANGANI.COM	E-mail: SKNOOP@LANGAN.COM	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Taylor Morgan
Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW107_032618	GW	03/26/18 0950	TCL+30 VOCs+SVOCs, PCBs, pest, herb, TAL Metals, Cr6+, Cr3+, CN, PFAS, 1,4-Dioxane	
GWPB04_032618	GW	03/26/18 1100	"	
GWTB04_032618	GW	03/26/18	TCL+30 VOCs	

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered Y
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Taylor Morgan	03/26/18 1830		3/26/18 1938		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TC Pahlka	3/26/18 1938 / 3.3 Degrees C